



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.

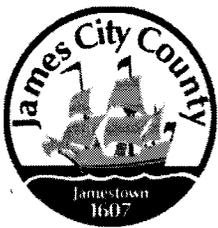
BMP NUMBER: JR044

DATE VERIFIED: June 20, 2012

QUALITY ASSURANCE TECHNICIAN: Leah Hardenbergh

Leah Hardenbergh

LOCATION: WILLIAMSBURG, VIRGINIA



Stormwater Division

MEMORANDUM

DATE: March 11, 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: JR044

PIN: 5040100001

Subdivision, Tract, Business or Owner

Name (if known):

Kingsmill

Property Description:

Resort

Site Address:

1000 Kingsmill Road

(For internal use only)

Box 12

Drawer: 7

Agreements: (in file as of scan date)

N

Book or Doc#:

Page:

Comments

Contents for Stormwater Management Facilities As-built Files

Each file is to contain:

- ① As-built plan
- ② Completed construction certification
3. Construction Plan
4. Design Calculations
5. Watershed Map
6. Maintenance Agreement
7. Correspondence with owners
- ⑧ Inspection Records
9. Enforcement Actions

000017116

DECLARATION OF COVENANTS

INSPECTION/MAINTENANCE OF DRAINAGE SYSTEM

JR008
JR060
JR067
JR012
JR044
JR049
JR050

THIS DECLARATION, made this 7 day of SEPTEMBER, 192000
between BUSCH PROPERTIES, INC
and all successors in interest, hereinafter referred to as the "COVENANTOR(S)," owner(s) of the
following property: KINGSMILL RESORT OPERATIONS BUILDING
Deed Book _____, Page No. _____ or Instrument No. TAX MAP/PARCEL NOS.
and James City County, Virginia, hereinafter referred to as the "COUNTY." 48-2/(50-4)
PARCEL ID: 504610001

WITNESSETH:

We, the COVENANTOR(S), with full authority to execute deeds, mortgages, other covenants, and all rights, titles and interests in the property described above, do hereby covenant with the COUNTY as follows:

1. The COVENANTOR(S) shall provide maintenance for the drainage system including any runoff control facilities, conveyance systems and associated easements, hereinafter referred to as the "SYSTEM," located on and serving the above-described property to ensure that the SYSTEM is and remains in proper working condition in accordance with approved design standards, and with the law and applicable executive regulations. The SYSTEM shall not include any elements located within any Virginia Department of Transportation rights-of-way.
2. If necessary, the COVENANTOR(S) shall levy regular or special assessments against all present or subsequent owners of property served by the SYSTEM to ensure that the SYSTEM is properly maintained.
3. The COVENANTOR(S) shall provide and maintain perpetual access from public right-of-ways to the SYSTEM for the COUNTY, its agent and its contractor.
4. The COVENANTOR(S) shall grant the COUNTY, its agent and its contractor a right of entry to the SYSTEM for the purpose of inspecting, operating, installing, constructing, reconstructing, maintaining or repairing the SYSTEM.
5. If, after reasonable notice by the COUNTY, the COVENANTOR(S) shall fail to maintain the SYSTEM in accordance with the approved design standards and with the law and applicable executive regulations, the COUNTY may perform all necessary repair or maintenance work, and the COUNTY may assess the COVENANTOR(S) and/or all property served by the SYSTEM for the cost of the work and any applicable penalties.
6. The COVENANTOR(S) shall indemnify and save the COUNTY harmless from any and all claims for damages to persons or property arising from the installation, construction, maintenance, repair, operation or use of the SYSTEM.
7. The COVENANTOR(s) shall promptly notify the COUNTY when the COVENANTOR(S) legally transfers any of the COVENANTOR(S)' responsibilities for the SYSTEM. The COVENANTOR(S)' shall supply the COUNTY with a copy of any document of transfer, executed by both parties.
8. The covenants contained herein shall run with the land and shall bind the COVENANTOR(S) and the COVENANTOR(S)' heirs, executors, administrators, successors and assignees, and shall bind all present and subsequent owners of property served by the SYSTEM.
9. This COVENANT shall be recorded in the County Land Records.

SEP 18 01 34

IN WITNESS WHEREOF, the COVENANTOR(S) have executed this DECLARATION OF COVENANTS as of this 7 day of SEPTEMBER, 192000

COVENANTOR(S)

Jesse C. Young
JESSE YOUNG

Print Name/Title DIRECTOR OF COMMUNITY AFFAIRS
AND PROJECT DEVELOPMENT

ATTEST:

COVENANTOR(S)

Print Name/Title _____

ATTEST:

COMMONWEALTH OF VIRGINIA
CITY/COUNTY OF James City

I hereby certify that on this 7 day of September, 192000 before the subscribed, a Notary Public of the State of Virginia, and for the City/County of James City, aforesaid personally appeared Jesse C. Young and did acknowledge the foregoing instrument to be their Act.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this 7 day of September, 192000.

Allison Matthews
Notary Public

SEP 11 8 01 35

My Commission expires: April 30, 2002

Approved as to form:



This Declaration of Covenants prepared by:

JESSE C. YOUNG
(Print Name)

DIRECTOR OF COMMUNITY AFFAIRS
AND (Title) PROJECT DEVELOPMENT

1010 KINGSMILL RD.
(Address)

WILLIAMSBURG, VA. 23185
(City) (State) (Zip)

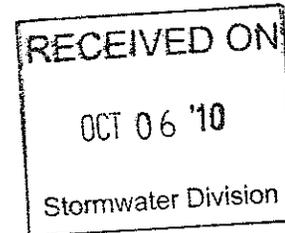
VIRGINIA: City of Williamsburg and County of James City, to-wit:
This Declaration of Covenants was presented with certificate annexed and admitted to record on September 11, 2000 at 1:23 AM/PM in the Clerk's Office of the Circuit Court of the City of Williamsburg and County of James City.

drainage.pre
Revised 2/97
by Daisy B. Woolridge Deputy Clerk



BEAUTIFUL PLACES ON EARTH®

August 16, 2010



James City County
Stormwater Division
287 McLaws Circle, Suite 1
Williamsburg, VA 23188

Re: Kingsmill Drainage System Declarations

To Whom it May Concern:

On July 31, 2010, Busch Properties, Inc. ("Busch") sold the Kingsmill Resort & Spa located in Williamsburg, VA (the "Resort") to Xanterra Kingsmill, LLC, a Delaware limited liability company ("Xanterra"). On September 7, 2000 and November 27, 2000, Busch executed and recorded in the James City County real property records two documents entitled "Declaration of Covenants, Inspection/Maintenance of Drainage System," copies of which are enclosed herewith (the "Declarations").

As a successor to Busch in the ownership of the Resort, Xanterra hereby provides notice to the County of the legal transfer of the Resort by Busch to Xanterra pursuant to Section 7 of both Declarations. Also pursuant to Section 7 of the Declarations, please find enclosed herewith a copy of that warranty deed recorded in James City County evidencing the legal transfer of the Resort.

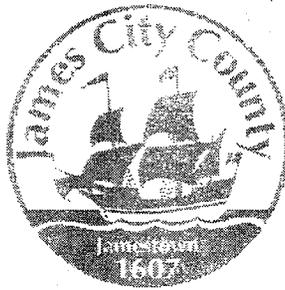
To the extent you have any questions or need any additional information regarding the transfer of the Resort, please feel free to contact me directly at (303) 600-3422.

Sincerely,

A handwritten signature in black ink, appearing to read "Shane Harvey". The signature is written over a horizontal line that extends across the width of the signature area.

Shane Harvey, Director of Business Development & Legal Affairs

w/Enclosures



James City County, Virginia
Environmental Division

Stormwater Management / BMP Facilities
Record Drawing and Construction Certification Forms

(Note: In accordance with the requirements of the Chesapeake Bay Preservation Ordinance, Chapter 23, Section 23-10(4), BMP's shall be designed and constructed in accordance with the manual entitled James City County Guidelines for Design and Construction of Stormwater Management BMP's. Erosion and sediment control policy and approved plans generally require that at the completion of the project and prior to release of surety, an "as-built" plan prepared by a registered Professional Engineer or Certified Land Surveyor must be provided for the drainage system for the project, including any Best Management Practice (BMP) facilities. In addition, for BMP facilities involving the construction of an impounding structure or dam embankment, certification is required by a Professional Engineer who has inspected the structure during its construction. Currently there are over 20 water quality type BMP's accepted by the County.)

Section 1 - Site Information:

Project Name: Kingsmill Operations Building
Structure/BMP Name: BMP Infiltration Trench (County BMP Code JR044)
Project Location: Kingsmill Resort
BMP Location: Adjacent to Operation Building
County Plan No.: SP - 91 - 00

Project Type: Residential Business Tax Map/Parcel No.: 46-2 / (50-4)
 Commercial Office BMP ID Code (if known): JR 044
 Institutional Industrial Zoning District: R-4
 Public Roadway Land Use: Resort
 Other Site Area (sf or acres): 0.6 Ac

Brief Description of Stormwater Management/BMP Facility: Infiltration trench system.

Nearest Visible Landmark to SWM/BMP Facility: Operations Building

Nearest Vertical Ground Control (if known):
 JCC Geodetic Ground Control USGS Temporary Arbitrary Other
Station Number or Name: _____
Datum or Reference Elevation: _____
Control Description: _____
Control Location from Subject Facility: _____

Section 2 - Stormwater Management / BMP Facility Construction Information:

PreConstruction Meeting Held for Construction of SWM/BMP Facility: Yes No Unknown
Approx. Construction Start Date for SWM/BMP Facility: December, 2000
Facility Monitored by County Representative during Construction: Yes No Unknown
Name of Site Work Contractor Who Constructed Facility: Henderson, Inc.
Name of Professional Firm Who Routinely Monitored Construction: VHB, Inc
Date of Completion for SWM/BMP Facility: January, 2001
Date of Record Drawing/Construction Certification Submittal: 3/13/01

(Note: Record Drawing and Construction Certifications are required within thirty (30) days of the completion of Stormwater Management and/or BMP facility construction. Record Drawings and Construction Certifications must be reviewed and approved by the James City County Environmental Division prior to final inspection, acceptance and bond or surety release.)

Section 3 - Owner / Designer / Contractor Information:

Owner/Developer: *(Note: Site Owner or Applicant responsible for development of the project.)*

Name: Kingsmill Resort
Mailing Address: 1010 Kingsmill Road
Williamsburg, VA 23185
Business Phone: 253-3937 Fax: 253-3993
Contact Person: Mr. Jesse Young Title: Director of Owner Relations

Design Professional: *(Note: Professional Engineer or Certified Land Surveyor responsible for the design and preparation of plans and specifications for the Stormwater Management / BMP facility.)*

Firm Name: Vanasse Hangen Brustlin, Inc. (VHB)
Mailing Address: 477 McLaws Circle Suite 1
Williamsburg, VA 23185
Business Phone: 220-0500
Fax: 220-8544
Responsible Plan Preparer: Tim Hogan, PE
Title: Project Engineer
Plan Name: Kingsmill Operations Building
Firm's Project No. 30966
Plan Date: 8-29-00
Sheet No.'s Applicable to SWM/BMP Facility: C-4 / C-7 / / / /

BMP Contractor: *(Note: Site Work Contractor directly responsible for construction of the Stormwater Management / BMP facility.)*

Name: Henderson Incorporated
Mailing Address: P.O. Box BM-5800 Mooretown Rd
Williamsburg, VA 23187
Business Phone: 565-1090
Fax: 565-9120
Contact Person: Pete Henderson
Site Foreman/Supervisor: Bill LaVancher
Specialty Subcontractors & Purpose (for BMP Construction Only): _____



Section 4 - Professional Certifications:

Certifying Professionals: (Note: A Registered Professional Engineer or Certified Land Surveyor is responsible for preparation of a Record Drawing, sometimes referred to as an As-Built plan, for the drainage system for the project including any Stormwater Management/BMP Facilities. A Registered Professional Engineer is responsible for the inspection, monitoring and certification of Stormwater Management / BMP facilities during its construction.)

Record Drawing and Construction Certifications for Stormwater Management / BMP Facilities

Record Drawing Certification

Firm Name: VHB, Inc.
Mailing Address: 477 McLaws Circle
Williamsburg, VA 23185
Business Phone: 220-0500
Fax: 220-8544
Name: Timothy J Hogan P.E.
Title: Project Engineer
Signature: *Timothy J Hogan*
Date: 4-20-01

I hereby certify to the best of my knowledge and belief that this record drawing represents the actual condition of the Stormwater Management / BMP facility. The facility appears to conform with the provisions of the approved design plan, specifications and stormwater management plan, except as specifically noted.

Construction Certification

Firm Name: VHB, Inc.
Mailing Address: 477 McLaws Circle
Williamsburg, VA 23185
Business Phone: 220-0500
Fax: 220-8544
Name: Timothy J. Hogan P.E.
Title: Project Engineer
Signature: *Timothy J Hogan*
Date: 4-20-01

I hereby certify to the best of my knowledge and belief that this Stormwater Management/BMP facility was monitored and constructed in accordance with the provisions of the approved design plan, specifications and stormwater management plan, except as specifically noted.

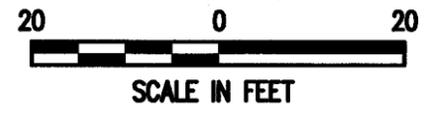
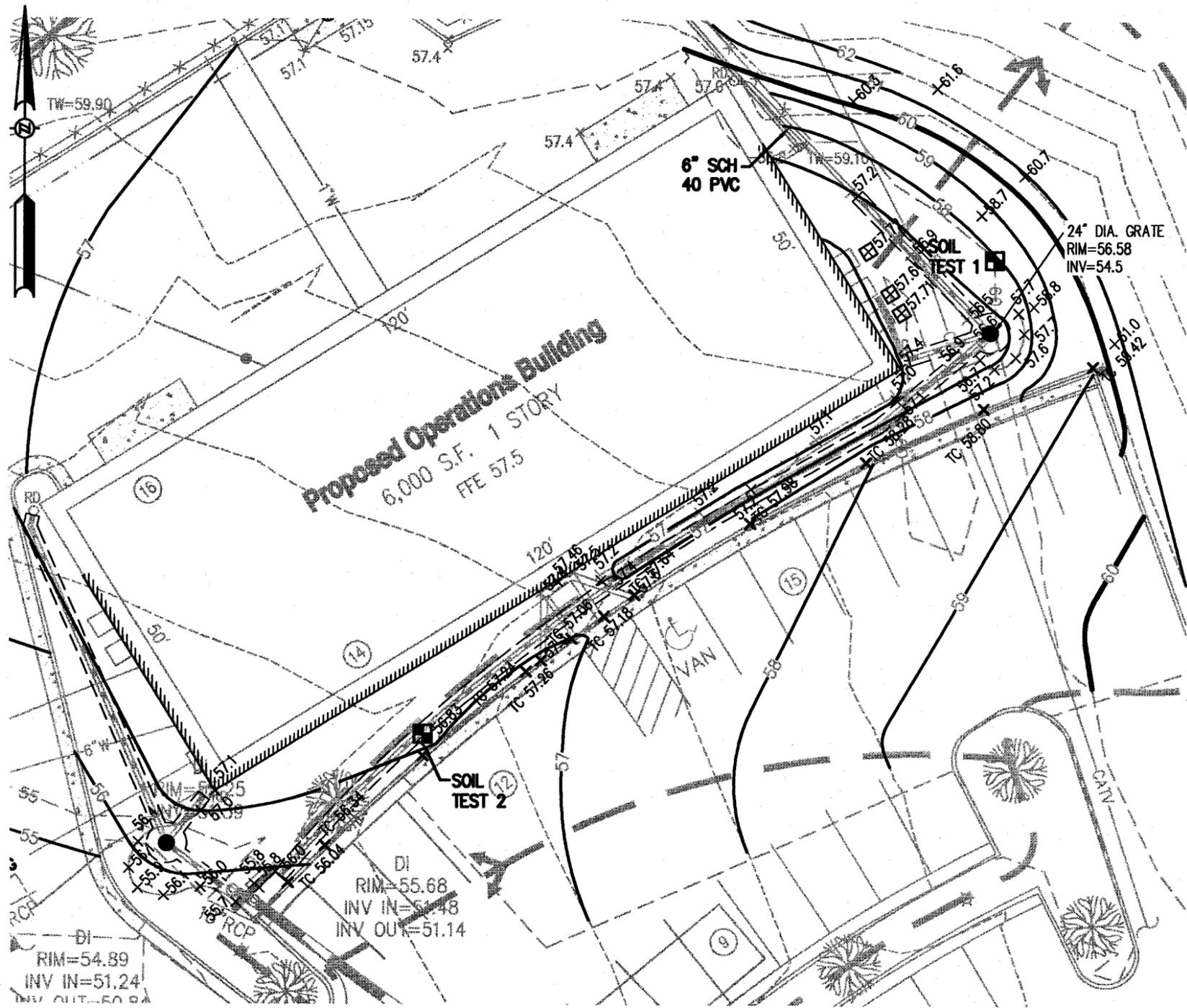


Timothy J Hogan (Seal)
4-20-01

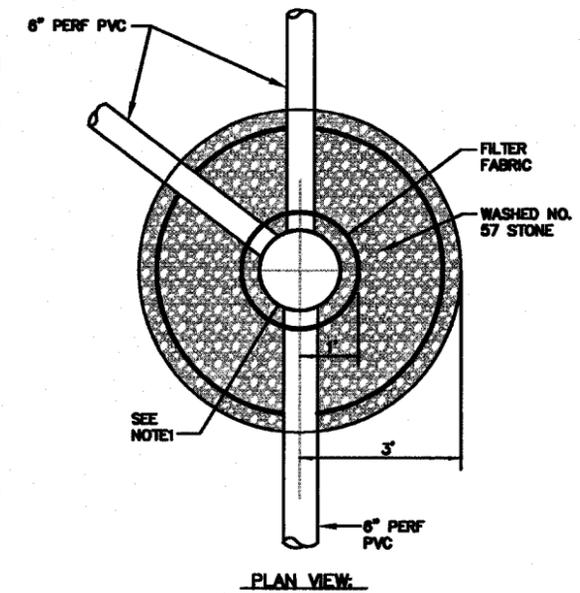
Virginia Registered Professional Engineer
or Certified Land Surveyor

Timothy J Hogan (Seal)
4-20-01

Virginia Registered
Professional Engineer

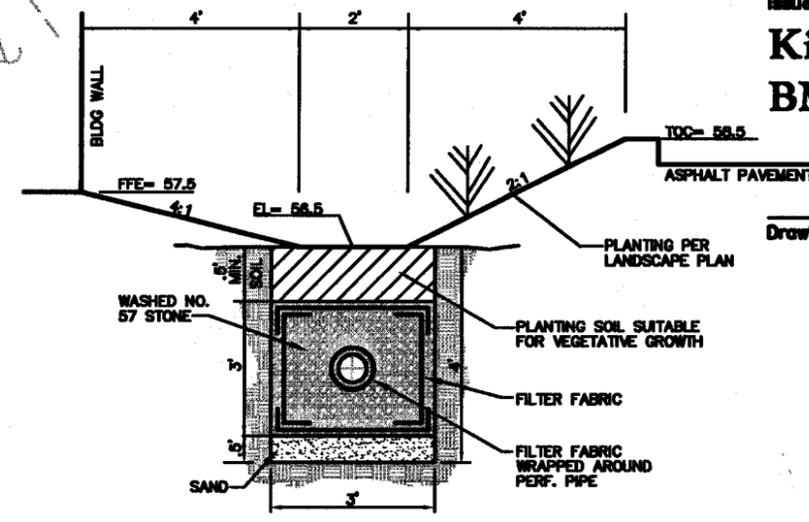


SOIL TESTS PERFORMED BY: ENGINEERING CONSULTING SERVICES, LTD. ON AUGUST 19, 2000.
THE TESTS INDICATE INFILTRATION RATE OF 10.8 INCHES PER HOUR.



- NOTES:**
- FLO-WELL PLASTIC DRYWELL (MODEL AS24) WITH SURFACE DRAIN (MODEL SD60) SUPPLIED BY:
WATER MANAGEMENT SYSTEMS
1800 FALMOUTH RD, SUITE 25A
CENTERVILLE, MA 02632
(800)-358-8835 FAX (508)-780-0063
 - PRETREATMENT WQM= 2X 76CF= 160CF TOTAL.
 - SEE JCC GUIDELINES FOR DESIGN AND CONSTRUCTION OF SWM BMP'S. (PAGE 46)

Infiltration Treatment Sump Detail



Infiltration Trench Detail Typ. Cross Section



Vanasse Hangen Brustlin, Inc.
Transportation
Land Development
Environmental Services
477 McLaws Circle, Suite One
Williamsburg, Virginia 23185-6316
(757)220-0500 FAX (757)220-8544

No.	Revision	Date	Approved

Designed by **TJH** Drawn by **RJW** Checked by **TJH**
CAD checked by **TJH** Approved by **TJH**
Scale **1"=20'** Date **03/13/01**
Project Title

Operations Building

Williamsburg, Virginia

Issued for
Kingsmill Resort
BMP Record Drawing

Drawing Title Drawing Number

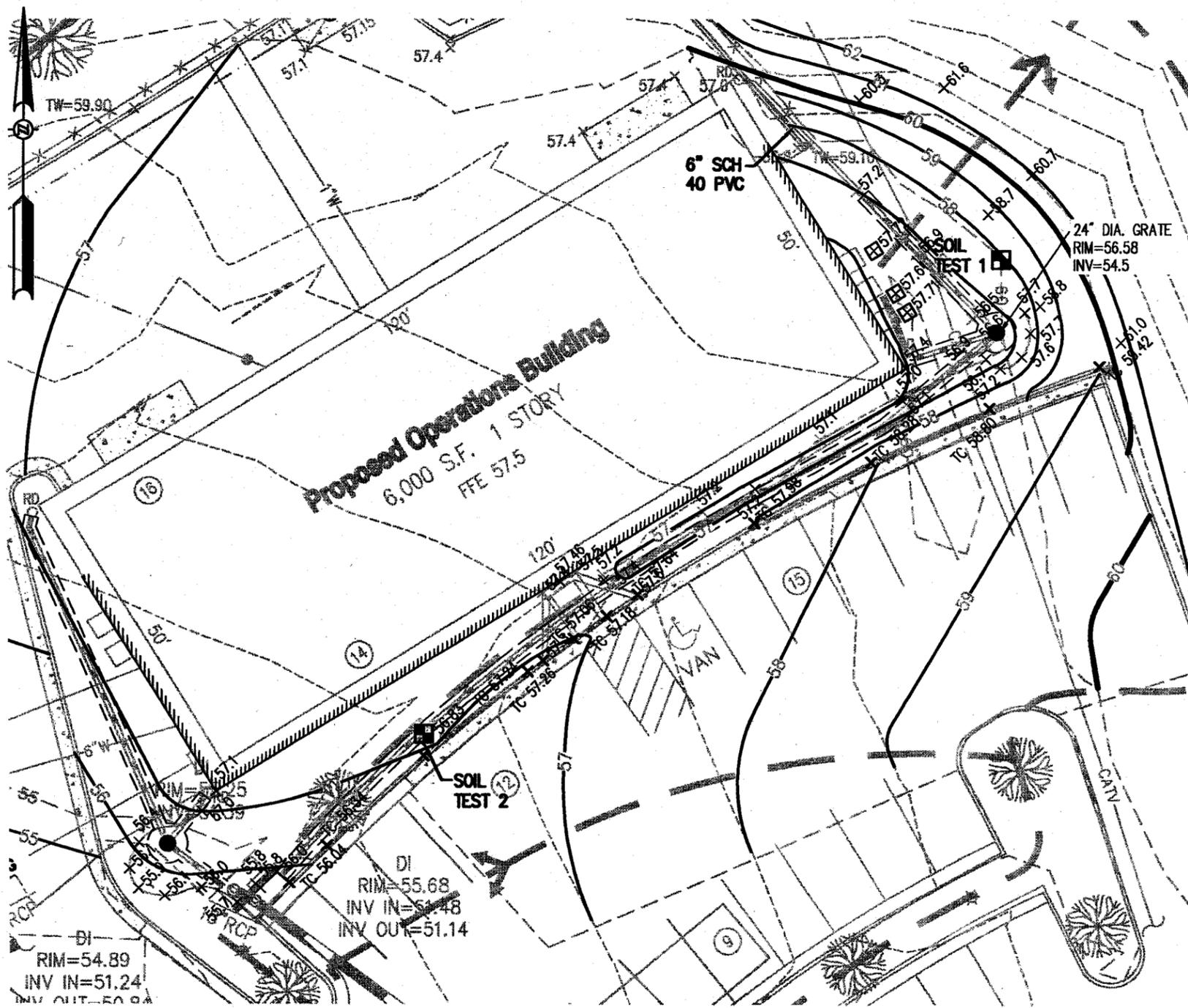
B-1

Timothy D. Hagan

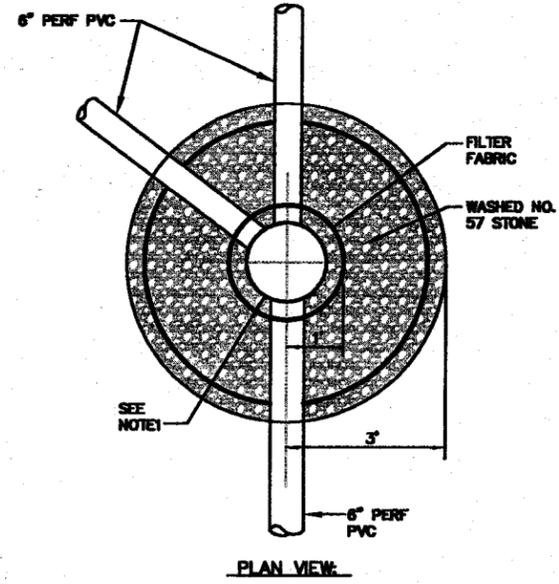
3-22-01

Sheet 1 of 01

VBCad File Name
30966BMP.dwg
Project Number
30966



SOIL TESTS PERFORMED BY: ENGINEERING CONSULTING SERVICES, LTD. ON AUGUST 19, 2000.
 THE TESTS INDICATE INFILTRATION RATE OF 10.8 INCHES PER HOUR.



- NOTES:**
- FLO-BELL PLASTIC DRYWELL (MODEL AS24) WITH SURFACE DRAIN (MODEL SD06) SUPPLIED BY:
 WATER MANAGEMENT SYSTEMS
 1800 PALMOUTH RD, SUITE 28A
 CENTERVILLE, MA 02832
 (800)-358-9835 FAX (508)-790-0063
 - PRETREATMENT WQV= 2X 75CF= 150CF TOTAL
 - SEE JCC GUIDELINES FOR DESIGN AND CONSTRUCTION OF SWM BMP'S. (PAGE 46)

Infiltration Sump Detail

N.T.S.



Vanasse Hangen Brustlin, Inc.

Transportation
 Land Development
 Environmental Services
 477 McLaws Circle, Suite One
 Williamsburg, Virginia 23185-6316
 (757)220-0500 FAX (757)220-8544

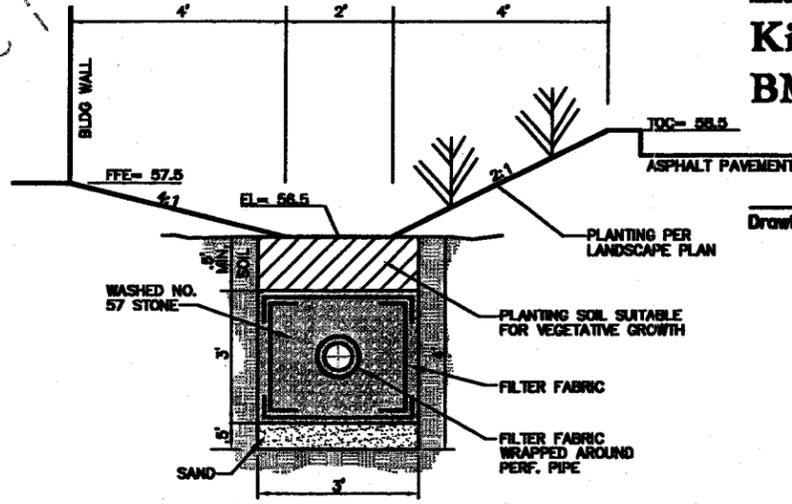
No.	Revision	Date	Approved

Designed by **TJH** Drawn by **RJW** Checked by **TJH**
 CAD checked by **TJH** Approved by **TJH**
 Scale **1"=20'** Date **03/13/01**
 Project Title

Operations Building

Williamsburg, Virginia

Issued for
Kingsmill Resort
BMP Record Drawing



Infiltration Trench Detail

N.T.S.

Drawing Title Drawing Number

B-1

T. Vanasse

3-22-01

Sheet 1 of 01

VHBCod File Name
30966BMP.dwg
 Project Number
30966

N



BMP Infiltration Trench

RAINFALL EVENT TREATED	1 INCH	
WATER QUALITY VOLUME (WQV)	588 CF	1143 CF INFILTRATED BASED ON ASSUMED PERM.= 10.8 INCHES PER HOUR* VOLUME= (3' X 3' X 235')
INFILTRATION TRENCH VOLUME	2,115 CF	VOLUME= (3' X 3' X 235')
IMPERVIOUS AREA TREATED	0.16 AC	
REMOVAL EFFICIENCY	60%	10 POINTS (BMP POINT SYSTEM)
CBPA DRAINAGE AREA SERVED	52%	
PRETREATMENT SUMP PIT	150 CF	25% OF WQV
PRETREATMENT REDUNDANT METHODS	3 REQUIRED	4 PROVIDED 1. GRASS CHANNEL 2. BOTTOM SAND LAYER 3. UPPER FILTER FABRIC 4. WASHED GRAVEL AGGREGATE
ADDITIONAL PRETREATMENT		
GRASS CHANNEL	TREATS 5,500 SF±	
ROOF GUTTER GUARDS	TREATS 80% ± WQV	PREVENTS TREE DEBRIS FROM ENTERING INFILTRATION SYSTEM

Footnotes:

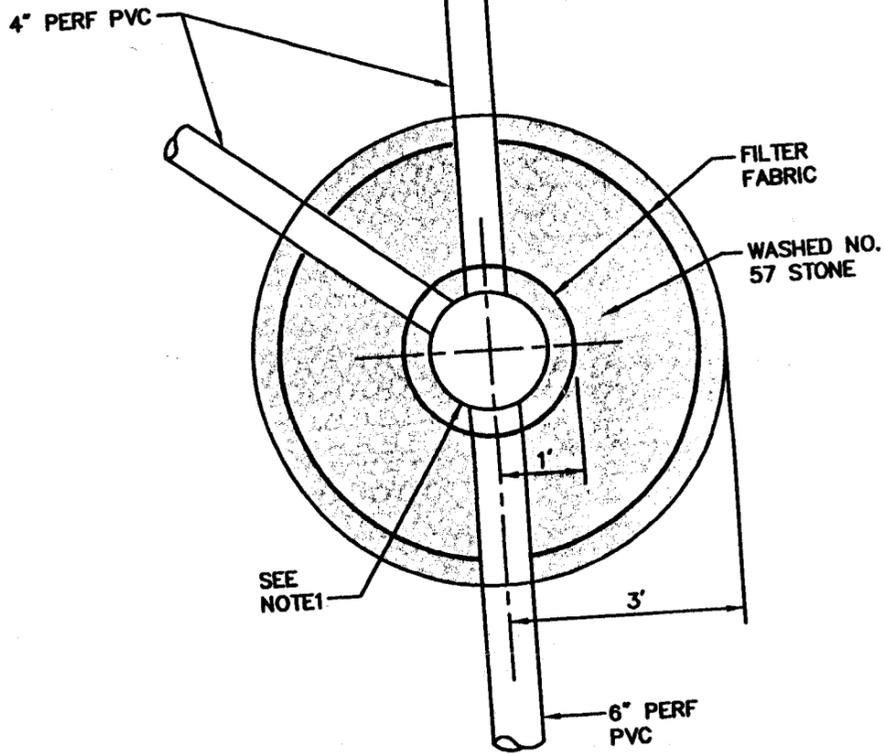
* SOIL TESTS PERFORMED BY: ENGINEERING CONSULTING SERVICES, LTD. ON AUGUST 19, 2000. THE TESTS INDICATE AN INFILTRATION RATE OF 10.8 INCHES PER HOUR.

VHIB

Vanasse Hangen Brustlin, Inc.

Transportation
Land Development
Environmental Services
477 McLaws Circle; Suite 1
Williamsburg, Virginia 23185
757 220 0500 • FAX 757 220 8544

TOP-67.86
B.M. 58.01



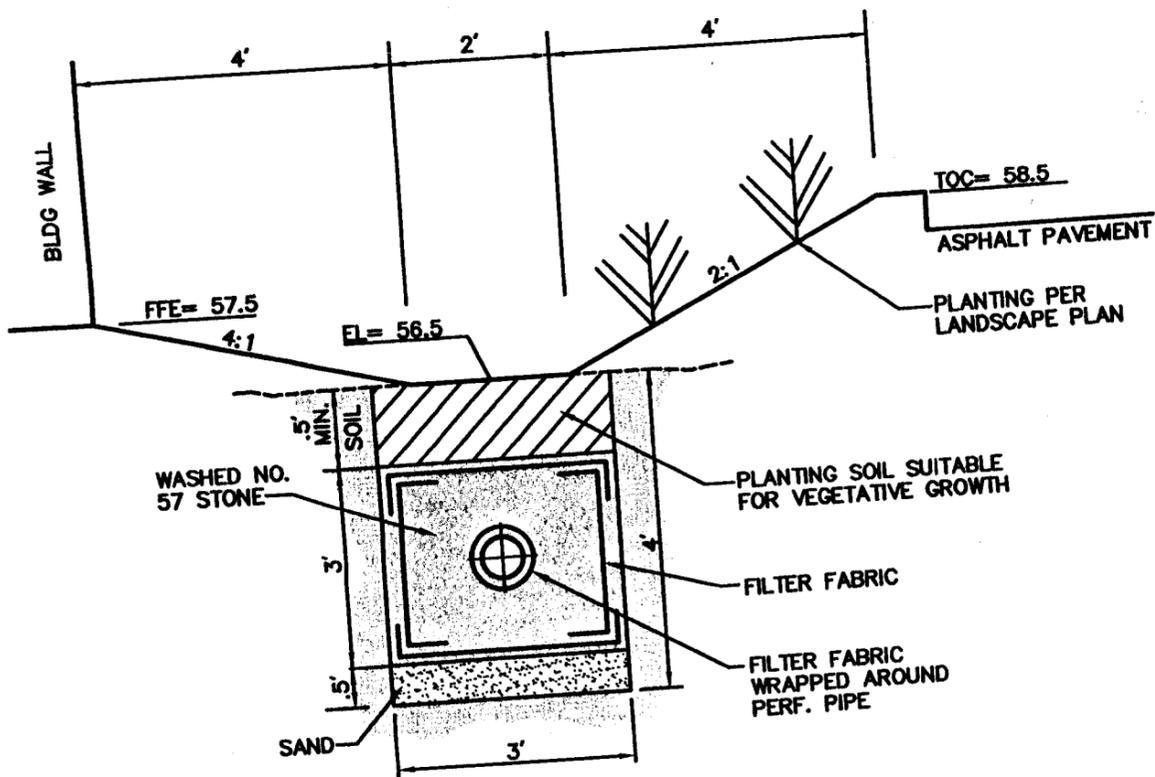
PLAN VIEW:

NOTES:

1. FLO-WELL PLASTIC DRYWELL (MODEL AS24) WITH SURFACE DRAIN (MODEL SD89) SUPPLIED BY:
 WATER MANAGEMENT SYSTEMS
 1600 FALMOUTH RD, SUITE 25A
 CENTERVILLE, MA 02832
 (800)-356-9935 FAX (508)-790-0083
2. PRETREATMENT WQV= 2X 75CF= 150CF TOTAL
3. SEE JCC GUIDELINES FOR DESIGN AND CONSTRUCTION OF SWM BMP'S. (PAGE 46)

Infiltration Treatment Sump Detail

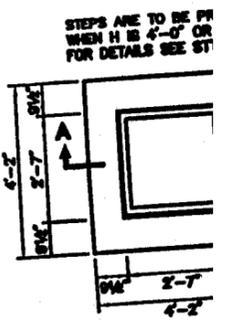
N.T.S.



Infiltration Trench Detail

Section A-A

N.T.S.



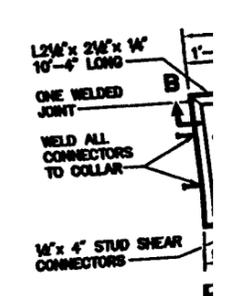
PLAN (GRATE FROM)

KEEP HOLE WITH 12" x 12" CLOTH W/ MESH OR GALV. MIN. WIRE DIA. 0.03 INCH. HARDWARE CLOTH ANCHOR OF STRUCTURE.

4 x 8" SMOOTH DONELS / TO BE PLACED IN ALL AN ABUTTING CONCRETE TO 1 IN LIEU OF DONELS A 2" PROVIDED. SEE STANDARD DESIGN

- NOTES:
1. MAXIMUM DEPTH (H) TO B USE STANDARD D-1A.
 2. WHEN SPECIFIED ON PLAN IN ACCORDANCE WITH ST/ FURNISHING AND REPLACE THE SHAPING IS TO BE B THE DROP INLET COMPLE

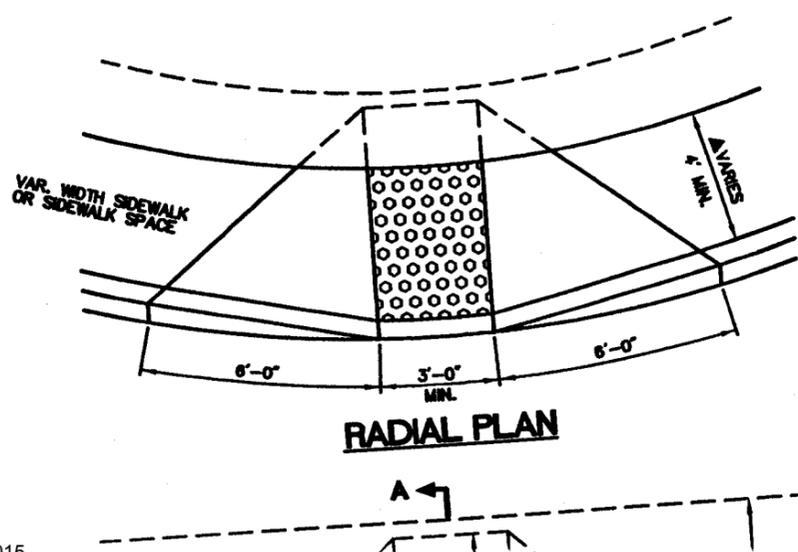
1/4 SECTION SIZE



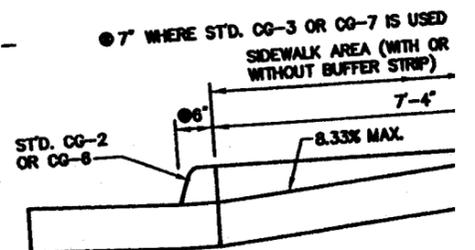
NOTE: ANY ALTERNATE METHODS OF AN THE APPROVAL OF THE ENGINEER, SITUATED FOR THE CAST IRON LI

Standard Drop

S-208VA



RADIAL PLAN



SECTION A-A



April 20, 2001

Vanasse Hangen Brustlin, Inc.

Ref: 30966

Mr. Scott J. Thomas, PE
Environmental Division
James City County
101 E. Mounts Bay Road
P.O. Box 8784
Williamsburg, VA 23187-8784

Re: Kingsmill Operations Building, (County Plan SP-91-00)
(County BMP ID Code JR 044)

Dear Mr. Thomas:

Attached is the information requested per your letter dated March 28, 2001. A copy of your letter attached for your reference.

Construction Certification:

Sections 1, 2, 3 and 4 of the James City County, Record Drawing and Construction Certification have been completed, signed and sealed and are provided as requested.

Record Drawing:

The record drawing dated March 22, 2001 was previously submitted to you and approved.

Construction-Related Items:

The BMP drainage inlet has been cleaned as requested.

Thank you for your assistance with this project. If you have any additional questions, please call me at 220-0500.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

Timothy J. Hogan, PE
Project Engineer

C: Matt Delman, Kingsmill Resort
Jesse Young, Kingsmill Resort

477 McLaws Circle, Suite 1
Williamsburg, Virginia 23185
757.220.0500 • FAX 757.220.8544
email: info@vhb.com
www.vhb.com

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imagination | innovation | energy Creating results for our clients and benefits for our communities



Vanasse Hangen Brustlin, Inc.

March 22, 2001

Ref: 30966

Mr. Darryl E. Cook
Environmental Director
James City County
101 E. Mounts Bay Road
P.O. Box 8784
Williamsburg, VA 23187-8784

Re: Kingsmill Operations Building, BMP Record Drawings

Dear Mr. Cook:

Attached is the record drawing for the BMP constructed as part of the above referenced project. This fulfills the requirement for providing the County with a signed and sealed as-built drawing.

The as-built information was obtained by VHB's registered land surveyor. During the construction of the bio-retention system, I was on site inspecting the work as it progressed. I find the construction of the BMP system to be in substantial conformance to the approved plans and specifications.

Attached are two signed and sealed record drawings for County records. If you have any questions, please call me at 220-0500.

Thank you for your assistance with this project.

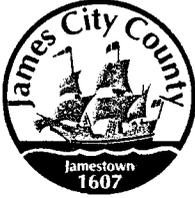
Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

Timothy J. Hogan, PE
Project Engineer

- C: Matt Delman, Kingsmill Resort (w/copy)
- Jesse Young, Kingsmill Resort (w/copy)
- Ken Geidd, Kingsmill Resort (w/copy)
- Paul Holt, JCC Planning Division (w/original)

477 McLaws Circle, Suite 1
Williamsburg, Virginia 23185
757.220.0500 • FAX 757.220.8544
email: info@vhb.com
www.vhb.com



DEVELOPMENT MANAGEMENT

101-E MOUNTS BAY ROAD, P.O. BOX 8784, WILLIAMSBURG, VIRGINIA 23187-8784
(757) 253-6671 Fax: (757) 253-6850 E-MAIL: devtman@james-city.va.us

CODE COMPLIANCE
(757) 253-6626
codecomp@james-city.va.us

ENVIRONMENTAL DIVISION
(757) 253-6670
environ@james-city.va.us

PLANNING
(757) 253-6685
planning@james-city.va.us

COUNTY ENGINEER
(757) 253-6678
INTEGRATED PEST MANAGEMENT
(757) 259-4116

March 28, 2001

Vanasse Hangen Brustlin, Inc.
477 McLaws Circle
Williamsburg, Va. 23185
Attn: Mr. Timothy J. Hogan, PE

Re: Kingsmill Operations Center (County Plan SP-91-00)
Stormwater Management Facility (County BMP ID Code JR 044)

Dear Mr. Hogan:

The Environmental Division has reviewed a record drawing and construction certification as submitted to our office for the above referenced project. The record drawing provides as-built information for an infiltration trench facility located along the east, south and west portions of the newly constructed building.

Based on our review of the information as submitted and a concurrent field observation as performed on March 27th 2001, the following items must be addressed prior to release of the developer's surety instrument for the stormwater management/BMP facility:

Construction Certification:

1. Submit Sections 1, 2, 3 and 4 of the James City County, Record Drawing and Construction Certification, Standard Forms & Instruction packet. This document was issued on February 1st 2001 and its contents apply to this submittal. Considering the simple nature of the project, at a minimum, complete and return the site information and certification portions of the packet.

Record Drawing:

2. Based on our review, the record drawing dated March 22nd 2001 by VHB is **satisfactory** for the facility.

Construction-Related Items:

3. Clean and remove all sediment, trash, debris and leaves from within the drainage inlet located in the parking lot just southwest of the main building (Rim El. 55.68).

Once these items are satisfactorily completed, we can then proceed with final release of the surety on the project. Once the construction-related item is complete, contact our office appropriately. Please call me at 757-253-6639 if you have any further comments or questions.

Sincerely,

Scott J. Thomas, P.E.
Civil Engineer
Environmental Division

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**James City County Environmental Division
Stormwater Management / BMP Inspection Report
Infiltration Basin and Trench Facilities**

Database Inventory No. (if known): JR 044
SP-91-00

Name of Facility: KINGSMILL OPERATIONS BUILDING BMP No.: 101 Date: 03/27/01

Location: 1010 KINGSMILL ROAD

Name of Owner: Kingsmill Resorts

Inspector: S J Thomas, MD Woodson

Type of Facility: Infiltration Trench

Weather Conditions: Sunny, Cold High 40's

PHASE 3 FACILITY



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
Accessibility:				
Roads	X			Main Road to Building + Parking
Parking Areas	X			
Gates	X			No Gate.
Locks	X			No Lock
Safety Fencing	X			Ornamental Fence SW Part.
Observation Wells/Areas:				
Trap Doors	X			Covered with LANDSCAPING MULCH
Manhole Covers	X			(Drywells)
Grates	X			
Steps	N/A			
Pretreatment Devices: <input type="checkbox"/> Inlet <input type="checkbox"/> Sump <input type="checkbox"/> Forebay <input checked="" type="checkbox"/> Other <u>Stone & GRASSED SWALES</u>				
Sediment	X			None.
Trash & Debris	X			None.
Structure	X			
Other				

Facility Item	O.K.	Routine	Urgent	Comments
Primary Storage/ Infiltration Area:				
Trash & Debris	X			None.
Sediment	X			None.
Ponding / Drawdown	X			No Ponding.
Surface Aggregates	X			None. LARGE COBBLES @ Drywell
Aesthetics	X			Well-Maintained.
Other				
Inlet Structure # 1 (Describe Location): INFLOW ROOF DRAINS LEADERS & PARKING AREA TO BMP.				
Condition of Structure	X			
Erosion	X			
Trash and Debris	X			
Sediment	X			
Aesthetics	X			
Other				
Inlet Structure # 2 (Describe Location): N/A				
Condition of Structure				
Erosion				
Trash and Debris				
Sediment				
Aesthetics				
Other				
Inlet Structure # 3 (Describe Location): N/A				
Condition of Structure				
Erosion				
Trash and Debris				
Sediment				
Aesthetics				
Other				
Outlets - Overflow or Bypass Control Structures (Describe Location): None. FULL INFILT. DRYWELL FOR CLEANING				
Condition of Structure	X			Drywell Covered w/ Mulching.
Erosion	X			
Trash and Debris	X			
Sediment	X			
Other				

Facility Item	O.K.	Routine	Urgent	Comments
Nuisance Type Conditions:				
Mosquito Breeding	X			
Animals, Rodents	X			
Graffiti	X			
Other				
Perimeter (Contributing Drainage Area) Conditions:				
Stabilization	X			PARKING & GRASSED, BUILDING AREA
Vegetation Condition	X			SOODED.
Trash and Debris	X			NONE. (SEE NOTE BELOW)
Aesthetics	X			WELL MAINTAINED AREA.
Other	X			
Remarks:				
<p>PARKING LOT INLET @ SW CORNER OF NEW BUILDING NEEDS CLEANED OF SEDIMENT, TRASH & DEBRIS WHICH ACCUMULATED DURING CONSTRUCTION</p>				
Overall Environmental Division Internal Rating: <u>4</u>				
Signature: <u>Scott Turner, PE</u>			Date: <u>03-28-01</u>	
Title: <u>Civil Engineer, Environmental Division</u>				

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WATERSHED	JR	MAINTENANCE PLAN	No	CTRL STRUC DESC	Plastic Dryw
BMP ID NO	044	SITE AREA acre	0.6	CTRL STRUC SIZE inches	na
PLAN NO	SP-91-00	LAND USE	Resort Operations	OTLT BARRL DESC	na
TAX PARCEL	(50-4)(01-01)	old BMP TYP		OTLT BARRL SIZE inch	
PIN NO	5040100001	JCC BMP CODE	C2 Infiltration Trench 1.0		
CONSTRUCTION DATE	12/1/2000	POINT VALUE	10	EMERG SPILLWAY	No
PROJECT NAME	Kingsmill Operations Building			DESIGN HW ELEV	57.5
FACILITY LOCATION	1010 Kingsmill Road			PERM POOL ELEV	na
CITY-STATE	Williamsburg, Va. 23185	SVC DRAIN AREA acres	0.31	2-YR OUTFLOW cfs	0.00
CURRENT OWNER	Kingsmill Resorts			10-YR OUTFLOW cfs	0.00
OWNER ADDRESS	1010 Kingsmill Road			REC DRAWING	Yes
OWNER ADDRESS 2		SERVICE AREA DESCRI	Building, Parking & Landscape Areas		
CITY-STATE-ZIP CODE	Williamsburg, Va. 23185	IMPERV AREA acres	0.16	CONSTR CERTI	Yes
OWNER PHONE	757-253-3931	RECV STREAM	UT of James River		
MAINT AGREEMENT	Yes	EXT DET-WQ-CTRL	Yes	LAST INSP DATE	3/27/2001
EMERG ACTION PLAN	No	WTR QUAL VOL acre-ft	0.0135	INTERNAL RATING	4
		CHAN PROT CTRL	No	MISC/COMMENTS	
		CHAN PROT VOL acre-ft	0	Bldg 6000 sf. Infil Trench w/ pretreat, f=	
		SW/FLOOD CONTROL	Yes	10.08 inch/hr, actual v= 2,115 cf.	
		GEOTECH REPORT	Yes		

Get Last BMP No

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