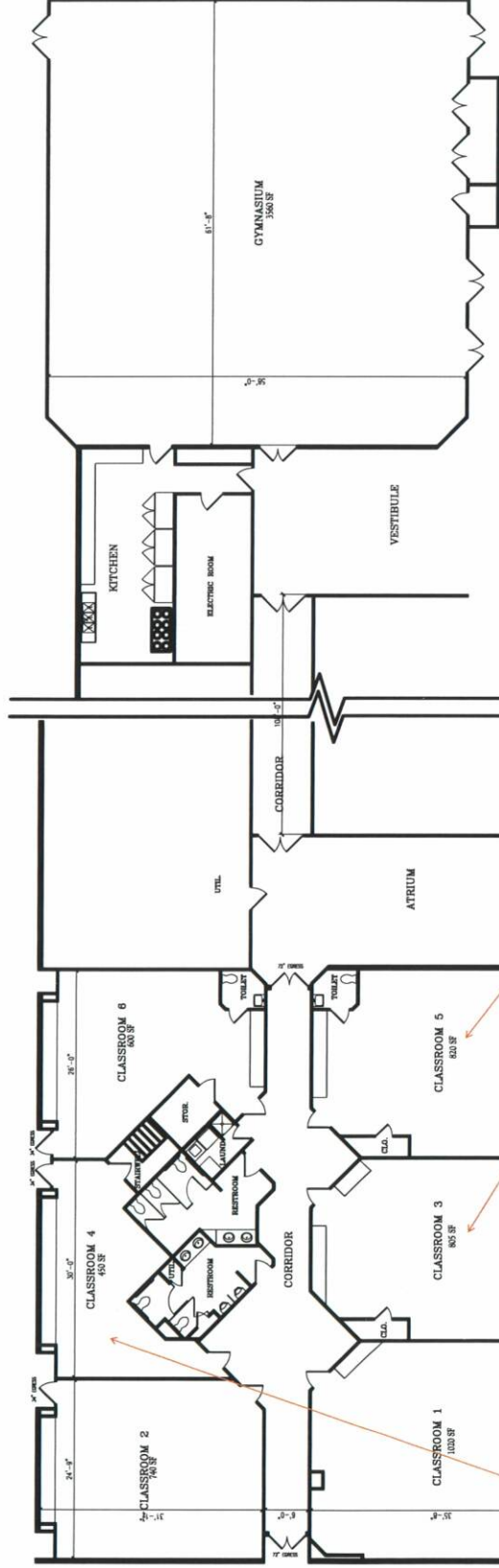


RECEIVED  
 APR 07 2020  
 BY: .....



OCCUPANCY LOAD CALCULATION

ROOM NAME	PURPOSE	AREA/SQFT	SQFT/PERSON	OCCUPANCY
CLASSROOM 1	EDUCATION	1020	20	51
CLASSROOM 2	EDUCATION	740	20	37
CLASSROOM 3	EDUCATION	805	20	41
CLASSROOM 4	EDUCATION	450	20	23
CLASSROOM 5	EDUCATION	820	20	41
CLASSROOM 6	EDUCATION	600	20	30
TOTAL				223

Classroom 4 will be used for team meetings

Classroom 3 and 5 will be used for:

- Literacy classes [Math, English, Reading, and more]
- Arts and Craft activities
- Teaching of various life skills [Mock laundry]
- Health education courses; imparting health-related skills
- Games [Bingo, Jenga, Board Games, Cards and more]

EXISTING  
 1 STORY BUILDING  
 3291  
 (Proposed use Educational)

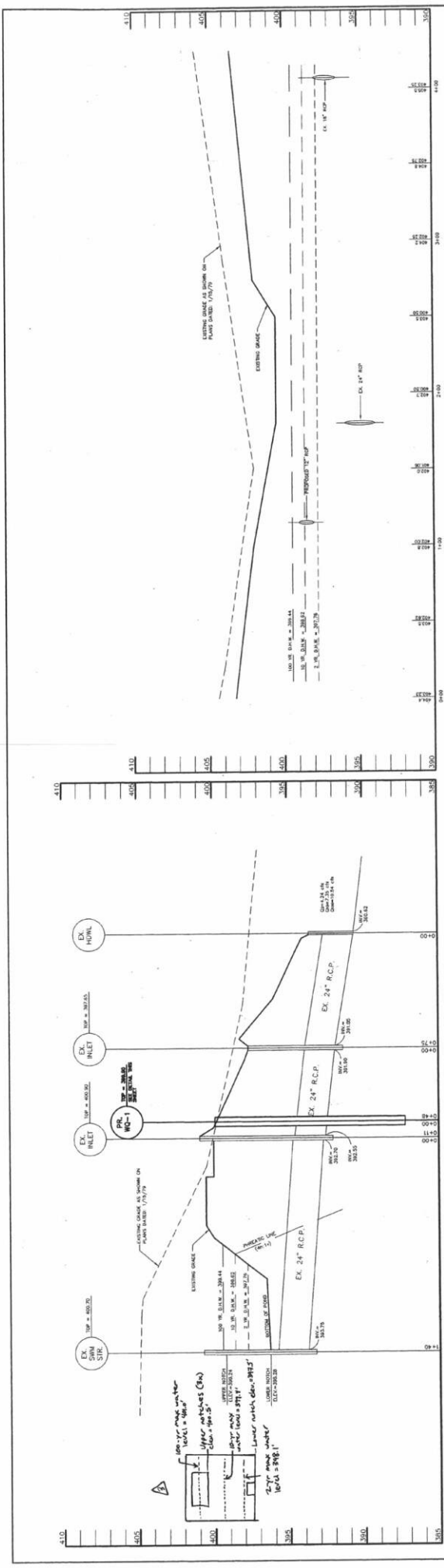






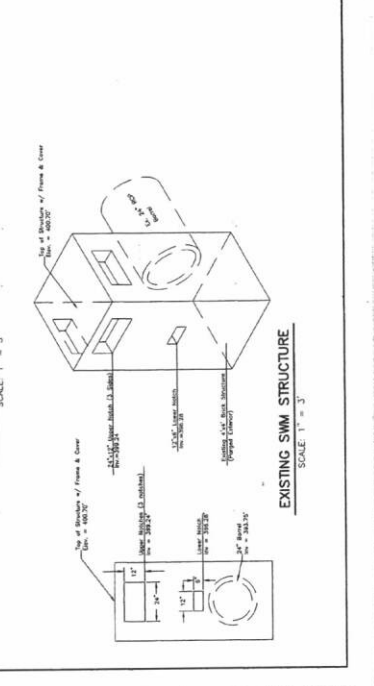
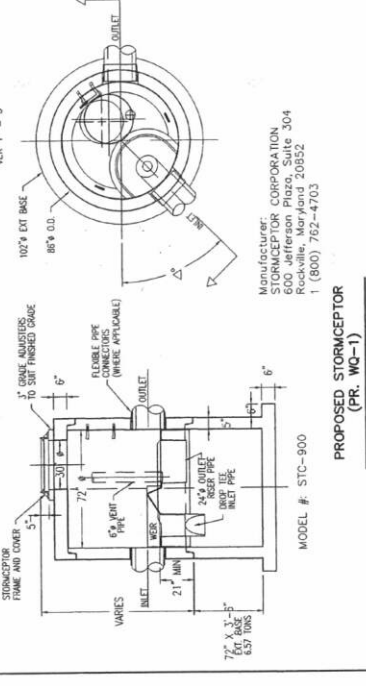






**PROFILE A-A**  
EXISTING PRINCIPAL SPILLWAY PROFILE  
STORMWATER MANAGEMENT  
SCALE: HORIZ. 1" = 30'  
VERT. 1" = 3'

**PROFILE B-B**  
EXISTING EMBANKMENT PROFILE  
STORMWATER MANAGEMENT  
SCALE: HORIZ. 1" = 30'  
VERT. 1" = 3'



**Stormceptor® Order Form**  
This document is to be included as a submittal on all drawings.

Draw the orientation of inlet (over 2") and outlet pipes (1) on the diagram. Clearly mark the inlet pipe with an "I" and the outlet pipe with an "O". \*Be sure to provide the individual pipe angle in degrees.

Material #	Quantity
144-1	1
247-10	1
247-23	1
247-46	1
247-41	1
247-21	1
247-21	1
247-21	1
247-21	1
247-21	1
247-21	1
247-21	1

Stormceptor Model # (Circle One): 430 (90°) 1200 (180°) 4500 (450°) 6000 (720°)  
 Install Type (Circle One): Commercial Industrial Residential Highway/DOT Gas Station Main/Cont  
 Other (Be specific as possible): Multiple Inter Inlet Impervious Drainage Area (in acres)  
 (Circle One): Single Inlet Multiple Inlet New Construction or Existing

Contractor Information:  
 Contractor: CB, DE, DECONSTRUCTION Contact Person: \_\_\_\_\_  
 Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

Owner/Installation Information:  
 Owner: Seaside Design Associates Check Contact Person: DM, BEEL Phone: \_\_\_\_\_  
 Phone: (410) 346-5686 Fax: (410) 346-5686

Project Details:  
 Name of Project: Seaside Design Associates Design Firm: Seaside Design Associates  
 Inlet/Outlet by (date): Seaside Design Associates City: Baltimore, MD Site: MD  
 Address of Installation: 2701 St. Johns Lane Phone: (410) 346-5686 Fax: (410) 346-5686  
 Design/Contractor: Seaside Design Associates Contact: Seaside Design Associates Phone: (410) \_\_\_\_\_  
 Approving Agency: Baltimore, County Contact: Seaside Design Associates Phone: (410) \_\_\_\_\_  
 \*Please attach a copy of the permit for installation in your submittal. Inlet/Outlet pipe sizes (if required)

Please fax this sheet back to Stormceptor Corp. at (800) 752-4703  
 Attention: Warehouse Dept. Fax: (410) 752-4703  
 All filling appears to be provided by the installation contractor

**OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER COLLECTION SYSTEMS**  
 Stormceptor units should be inspected, cleaned, and maintained periodically to maintain optimal operation and function.

The Stormceptor unit shall be inspected every three (3) months for obstructions and sediment. Also, the Stormceptor shall be inspected immediately after each petroleum spill. The inspection shall include but not be limited to:

1. Checking both inlet and outlet pipes for obstructions. If obstructions are found, remove immediately.
2. Check oil/grease and sediment depth in the structure. These obstructions should be removed immediately. Check sampling tube to ensure column of water and sediment.
3. Check internal structure for obstructions or cracks.

The inspection shall be documented utilizing the Stormceptor Inspection and Maintenance Form available to Howard County officials upon request.

**MAINTENANCE**  
 The stormceptor shall be maintained as needed to provide optimal operation and function.

1. Obstructions - remove immediately upon inspection.
2. Sediment, debris, and Oil Accumulation - The unit shall be cleaned if sediment exceeds 6 inches in depth, or if debris and/or floating hydrocarbons prevent the structure from functioning properly. Sediment, debris, and floating hydrocarbons shall be removed.
3. Cracks/Structural Problems - Consult manufacturer for repair services and/or details.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

OWNER/DEVELOPER: **BALTIMORE FIRST SEVENTH DAY ADVENTIST CHURCH**  
 3291 ST. JOHN'S LANE  
 ELICOTT CITY, MD, 21042  
 ATTN: MARK COLLETTE

PROJECT: **BALTIMORE FIRST SEVENTH DAY ADVENTIST CHURCH**  
 AREA: TAX MAP 24, PARCEL 21, ZONED R-20  
 2nd ELECTION DISTRICT

TITLE: **STORMWATER MANAGEMENT PROFILES AND DETAILS**

DESIGNED BY: DM  
 DRAWN BY: BPO  
 PROJECT NO.:  
 DATE: APRIL 9, 1999  
 SCALE: AS SHOWN  
 DRAWING NO. 6 OF 12

WAYNE A. NEWTON (P) 21501

5/20/01

508 99-149



SURVEY COMPLETED BY: [Signature]  
 SURVEY DATE: May 12, 2015  
 SCALE: 1" = 10'

OWNER: Baltimore First Seventh-Day Adventist Church  
 ADDRESS: 1613 Fulton Rd, Edgewater, MD 21037  
 PHONE: 301-574-9055

PREPARED FOR: The Center for Watershed Protection  
 ADDRESS: 8320 North Rte 502, Ellicott City, MD 21043  
 PHONE: 410-313-0700

PREPARED BY: [Signature]  
 ADDRESS: 1613 Fulton Rd, Edgewater, MD 21037  
 PHONE: 301-574-9055

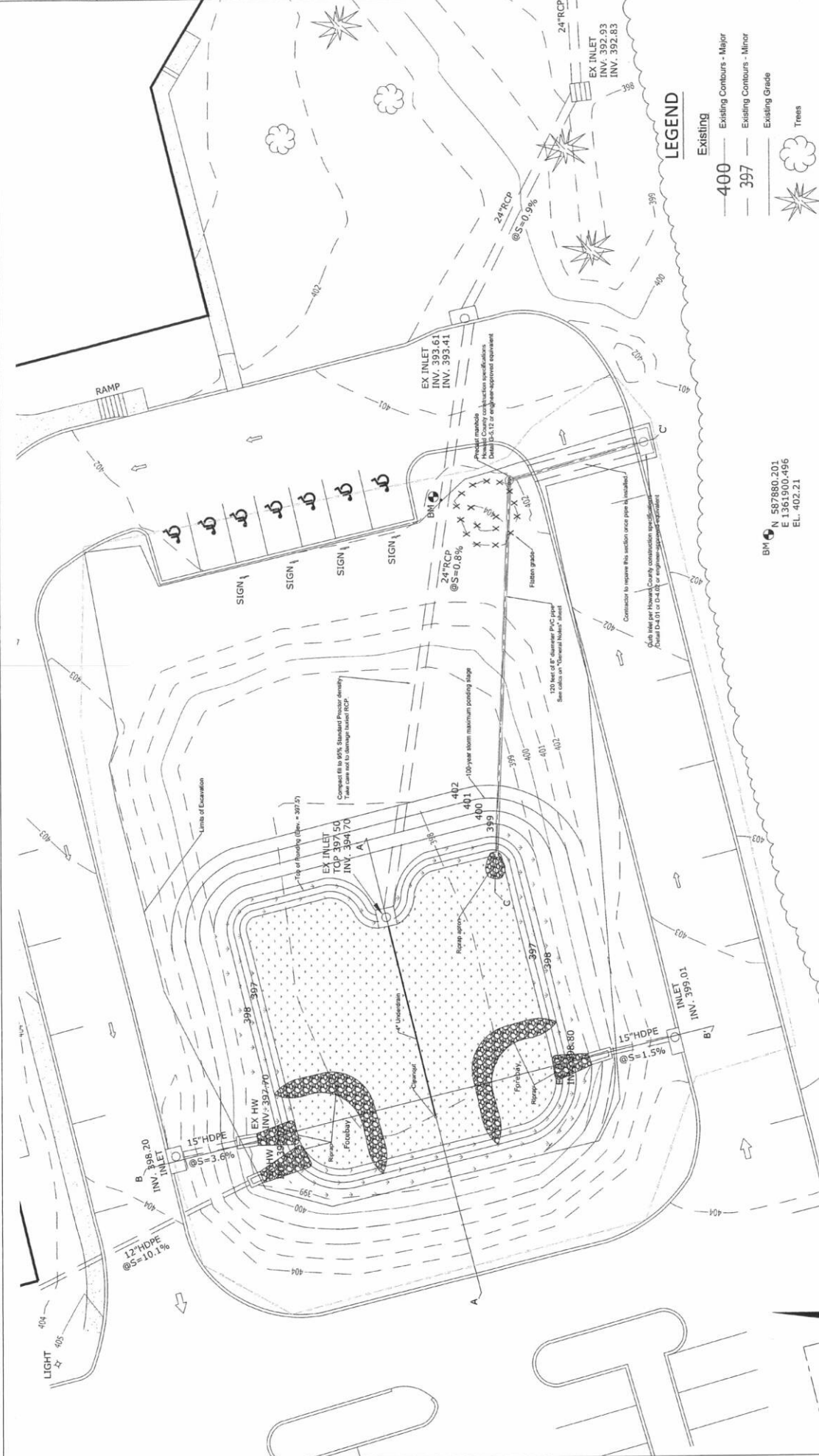
PROJECT NO: W-14-018  
 SHEET NUMBER: 8 of 12

Baltimore First Seventh-Day Adventist Church  
 Ellicott City, Maryland

**Proposed Conditions**

**LEGEND**

- Existing**
- 400 Existing Contours - Major
  - 397 Existing Contours - Minor
  - Existing Grade
  - Trees
- Proposed**
- 400 Proposed Contours
  - Proposed Grade
  - Limits of Excavation
  - Silt Fence
  - Tree Protection
  - Limits of Disturbance
  - Proposed Practice



BM N 587880.201  
 E 1361900.496  
 EL. 402.21



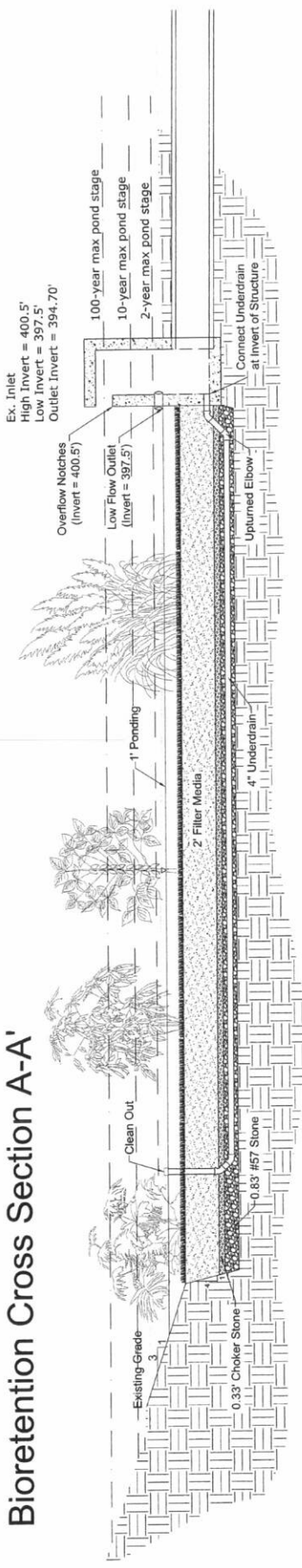
**APPROVED: DEPARTMENT OF PLANNING AND ZONING**  
 Date: 9/10/15  
 Date: 9/10/15  
 Date: 9/11/15

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Date: 9/11/15

Scale: 1" = 10'

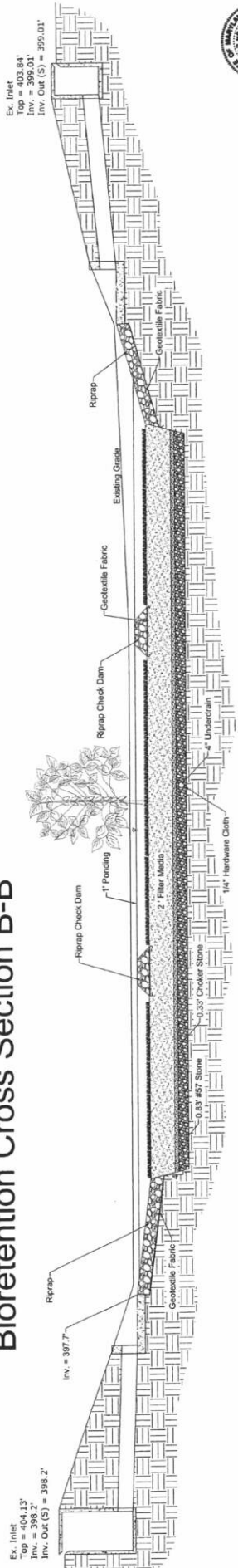
508-905-180

# Bioretention Cross Section A-A'



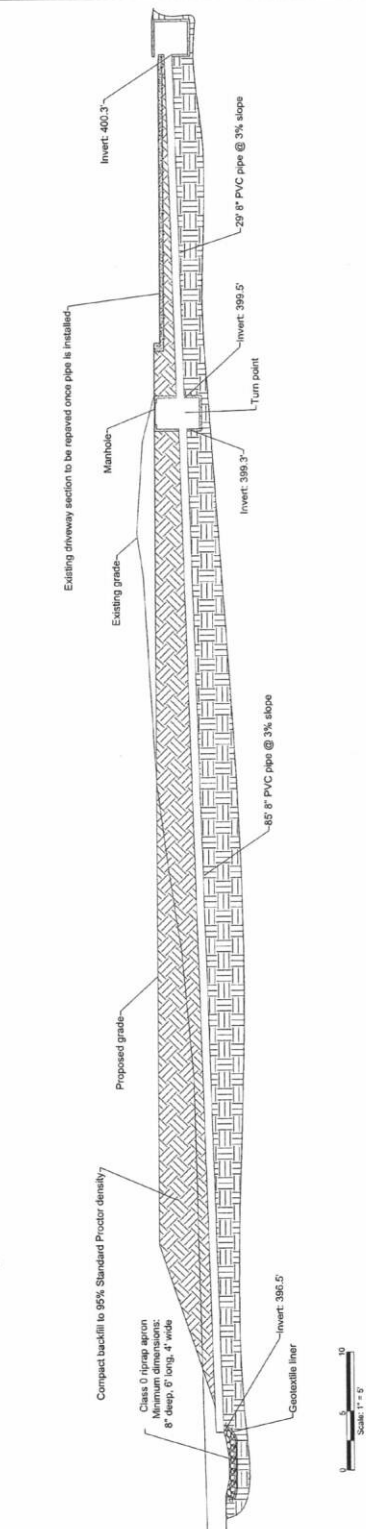
Scale: 1" = 3'

# Bioretention Cross Section B-B'



Scale: 1" = 4'

# Proposed Catch Basin and Conveyance Profile C-C'



Scale: 1" = 5'

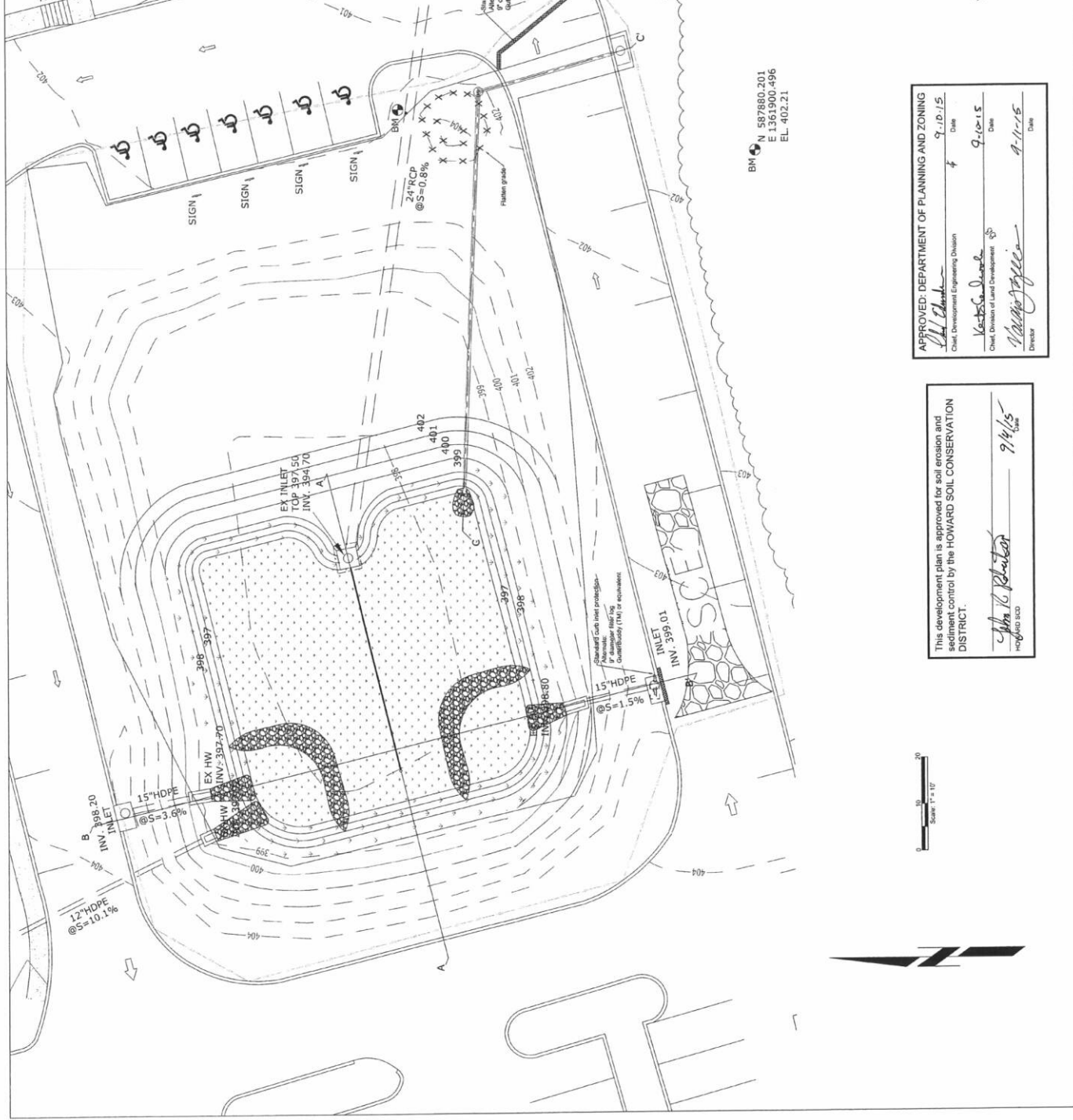
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

[Signature]  
 Howard SCD

**APPROVED: DEPARTMENT OF PLANNING AND ZONING**  
 Date: 9/10/15  
 Date: 9/10/15  
 Date: 9/11/15  
 Director: [Signature]

500-90-129

**EROSION AND SEDIMENT CONTROL**  
 PREPARED FOR: Mr. Calvert Howard County Office of Environmental Sustainability 416-313-0700  
 PROJECT: 2991 Shook Johns Lane Annapolis, MD 21403 410-465-8864  
 OWNER: Baltimore First Seventh-Day Adventist Church  
 SLURRY FILTERED BY: Carl F. Keuler, L.S. C.F. Keuler & Associates, Inc. 111 Fulwider Rd. Edgewater, MD 21037 (Phone) 301-974-0055  
 REVISION DATE: May 13, 2015  
 DRAWN BY: [Name] CHECKED BY: [Name] PROJECT NO. W-14-018



**LEGEND**

- Existing**
- 400 Existing Contours - Major
  - 397 Existing Contours - Minor
  - Existing Grade
  - Trees
- Proposed**
- 400 Proposed Contours
  - Proposed Grade
  - Limits of Excavation
  - Silt Fence
  - Tree Protection
  - Limits of Disturbance
  - Proposed Practice
  - Stabilized Construction Entrance

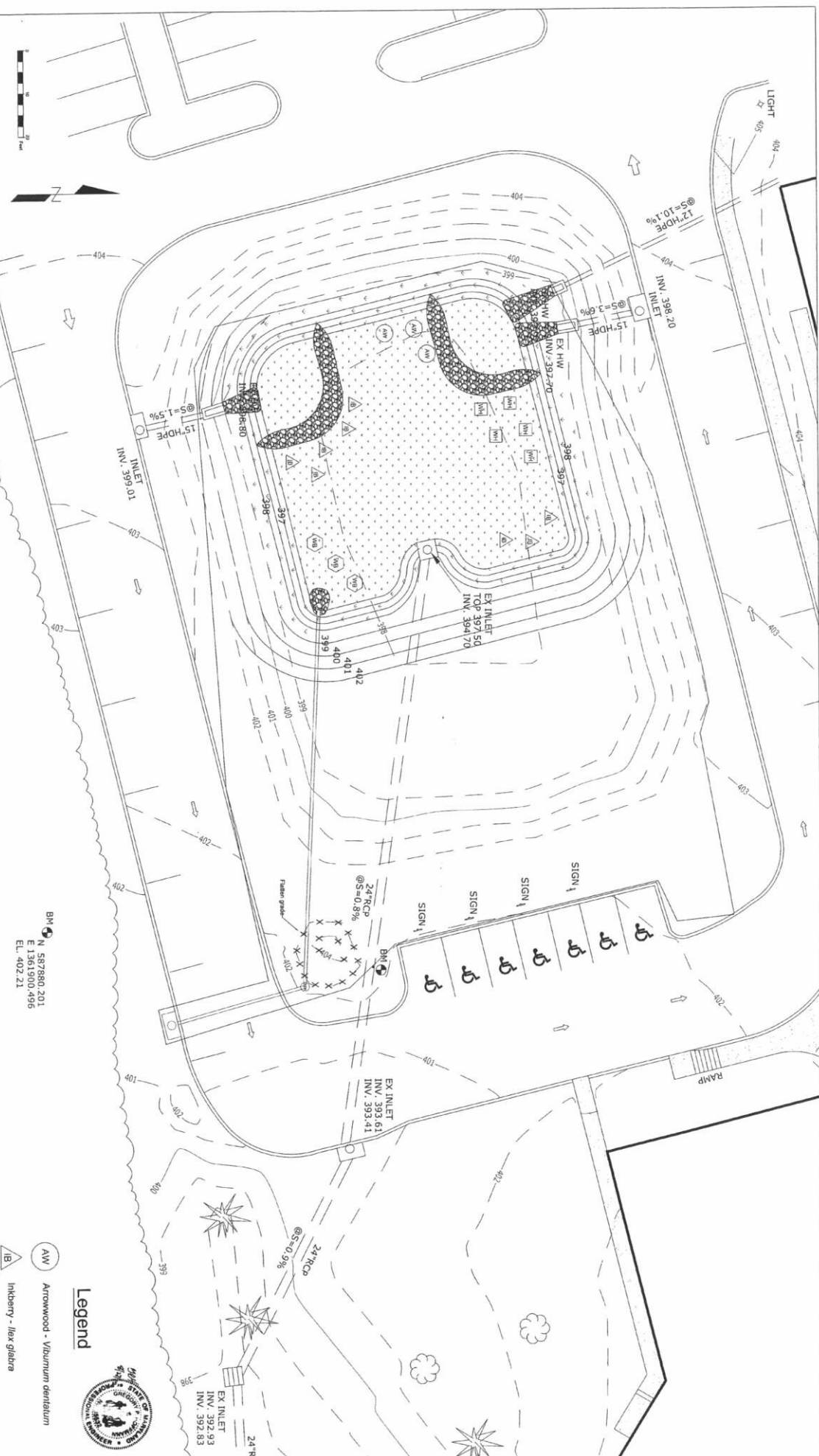


**APPROVED: DEPARTMENT OF PLANNING AND ZONING**  
 Date: 9/10/15  
 Date: 9/10/15  
 Date: 9/11/15

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Date: 9/14/15

BN N 587880.201  
 E 1.361900.496  
 EL 402.21





This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

John P. Blanton 9/11/15  
 HOWARD SOIL CONSERVATION DISTRICT  
 Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 9/10/15  
 Carl F. Kreutter, L.L.C.  
 Chief, Department of Planning and Zoning  
 9/11/15  
 Date

Michael J. Spivey 9/11/15  
 Michael J. Spivey  
 Chief, Division of Land Development  
 9/11/15  
 Date

Key	Common Name	Botanical Name	Spacing	Quantity
AW	Arrowwood	Viburnum dentatum	5'-7'	3
IB	Inkberry	Ilex glabra	5'-7'	8
WB	Winterberry	Ilex verticillata	5'-7'	3
WH	Witch Hazel	Hamamelis virginiana	8'-10'	3

Turfgrass seed mix shall match that specified for permanent seeding on Sheet 2 - General Notes, but be applied without any fertilizer. The seed quality shall conform to Maryland State Highway Administration standards and specifications, specifically, MD SHA 920.06.06 - Standards for Seed Species, and the mix, purity, weed content, and minimum germination proportions shall conform to those species listed in the table, "TURFGRASS SEED SPECIES".

BM 587880,201  
 N 1361900,495  
 E 1361900,495  
 EL. 402.21

- Legend**
- Arrowwood - Viburnum dentatum
  - Inkberry - Ilex glabra
  - Winterberry - Ilex verticillata
  - Witch Hazel - Hamamelis virginiana
  - Turfgrass - see notes to left, and on Sheet 2 - General Notes



**Planting Plan**

Baltimore First Seventh-Day Adventist Church  
 Ellcott City, Maryland

**CENTER FOR WATERSHED PROTECTION**  
 PREPARED BY:  
 The Center for Watershed Protection  
 3200 North Ridge Rd Site 250  
 Ellcott City, MD 21043  
 www.cwp.org  
 (410) 461-8323

PREPARED FOR:  
 Jan Caldwell  
 Howard County Office of Environmental Sustainability  
 3430 Court House Drive  
 Ellcott City, MD 21043  
 410-313-5700

OWNER:  
 Baltimore First Seventh-Day Adventist Church  
 3291 Saint Johns Lane  
 Ellcott City, MD 21042  
 410-465-6664

SURVEY COMPLETED BY:  
 Carl F. Kreutter, L.L.C.  
 C.F. Kreutter & Associates, Inc.  
 1613 Furlerton Rd.  
 Edgewater, MD 21037  
 (Phone) 301-974-5665

DATE:	May 10, 2015	SCALE:	1 inch = 10 feet
REVISION DATE:	None	DESIGN BY:	GP
REVISION TYPE:	None	DRAWN BY:	LLO
REVISION DATE:	None	CHECKED BY:	SPN
REVISION TYPE:	None	PROJECT ID:	W-14-053
REVISION DATE:	None	SHEET NUMBER:	12 of 12
REVISION TYPE:	None		

50E-09-189