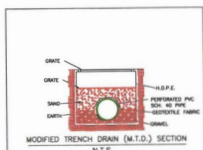
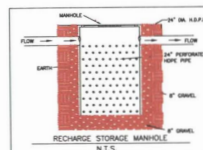
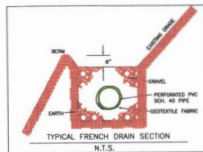
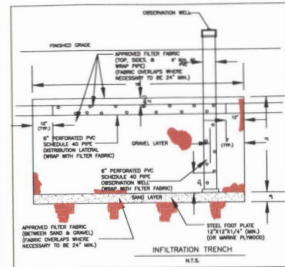


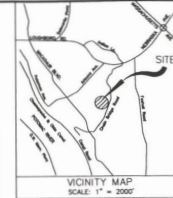
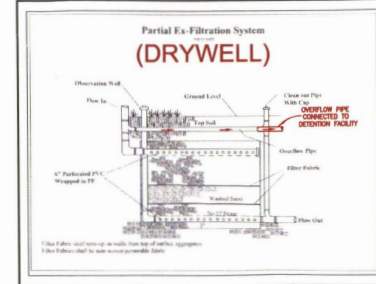
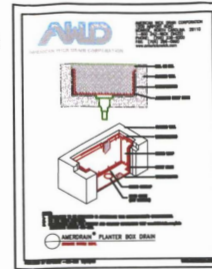
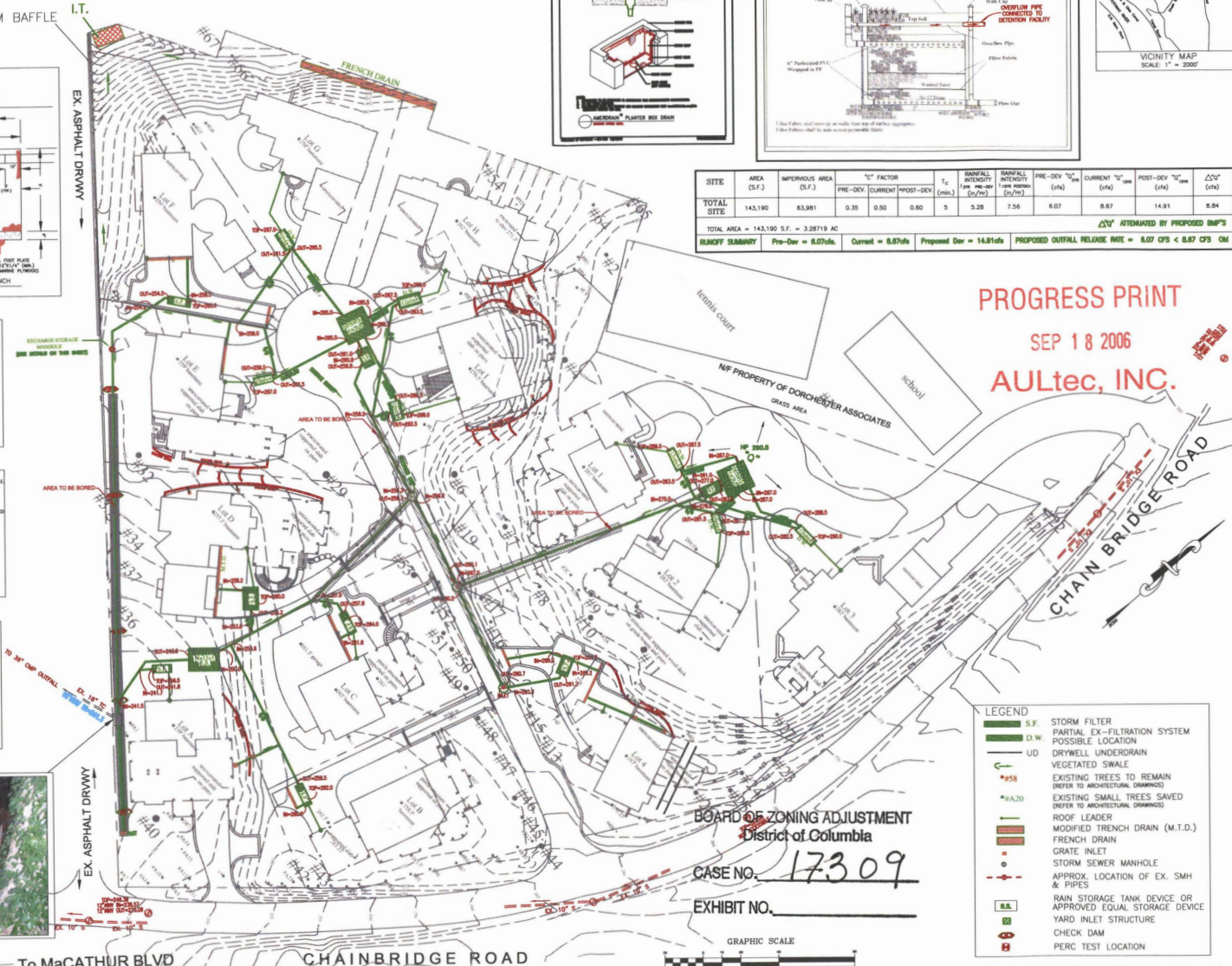
GENERAL NOTE:

IT IS THE VIEW OF DC WATERSHED PROTECTION DIVISION (SWM REVIEW DIV.), AULTEC, INC. AND THE OWNER THAT UNANTICIPATED FIELD CONDITION MAY NECESSITATE MINOR CHANGES TO THIS CONCEPT PLAN.

6"-12" CONCRETE SWM BAFFLE I.T.



EX. INLET



SITE	AREA (S.F.)	IMPERVIOUS AREA (S.F.)	T _c FACTOR			T _c	RAINFALL INTENSITY 100-yr (in/hr)	RAINFALL INTENSITY 2-yr (in/hr)	PRE-DEV T _c (min)	CURRENT T _c (min)	POST-DEV T _c (min)	ΔC _o (in)
			PRE-DEV	CURRENT	POST-DEV							
TOTAL SITE	143,190	63,981	0.35	0.50	0.60	5	5.28	7.56	6.07	8.87	14.91	8.84
TOTAL AREA = 143,190 S.F. = 3.28719 AC												
ΔC _o ATTENUATED BY PROPOSED BMP'S												
RUNOFF SUMMARY Pre-Dev = 8.07cfs Current = 8.67cfs Proposed Dev = 14.91cfs PROPOSED CUTOFF RELEASE RATE = 8.07 CFS < 8.67 CFS OK												

PROGRESS PRINT
SEP 18 2006
AULTEC, INC.

- LEGEND**
- S.F. STORM FILTER
 - D.W. PARTIAL EX-FILTRATION SYSTEM POSSIBLE LOCATION
 - UD DRYWELL UNDERDRAIN
 - VEGETATED SWALE
 - *#58 EXISTING TREES TO REMAIN (REFER TO ARCHITECTURAL DRAWINGS)
 - *#A20 EXISTING SMALL TREES SAVED (REFER TO ARCHITECTURAL DRAWINGS)
 - ROOF LEADER
 - MODIFIED TRENCH DRAIN (M.T.D.)
 - FRENCH DRAIN
 - GRATE INLET
 - STORM SEWER MANHOLE
 - APPROX. LOCATION OF EX. SMH & PIPES
 - RAIN STORAGE TANK DEVICE OR APPROVED EQUAL STORAGE DEVICE
 - YARD INLET STRUCTURE
 - CHECK DAM
 - PERC TEST LOCATION

STORMWATER MANAGEMENT CONCEPT PLAN

CHAINBRIDGE ROAD PROJECT
LOT 8022, 827, SQUARE 1425 & PARCEL 12294
2800 CHAIN BRIDGE ROAD, NW
WASHINGTON DC 20008

WARD 3 - ANC 3D

DISTRICT OF COLUMBIA

AULTEC, Inc.
7805 CANTON LANE, Suite D
Collierville, TN 38017
Tel: (901) 942-6885 Fax: (901) 942-6811
Engineers & Surveyors & Planners & DE Consultants & GPS Consultants

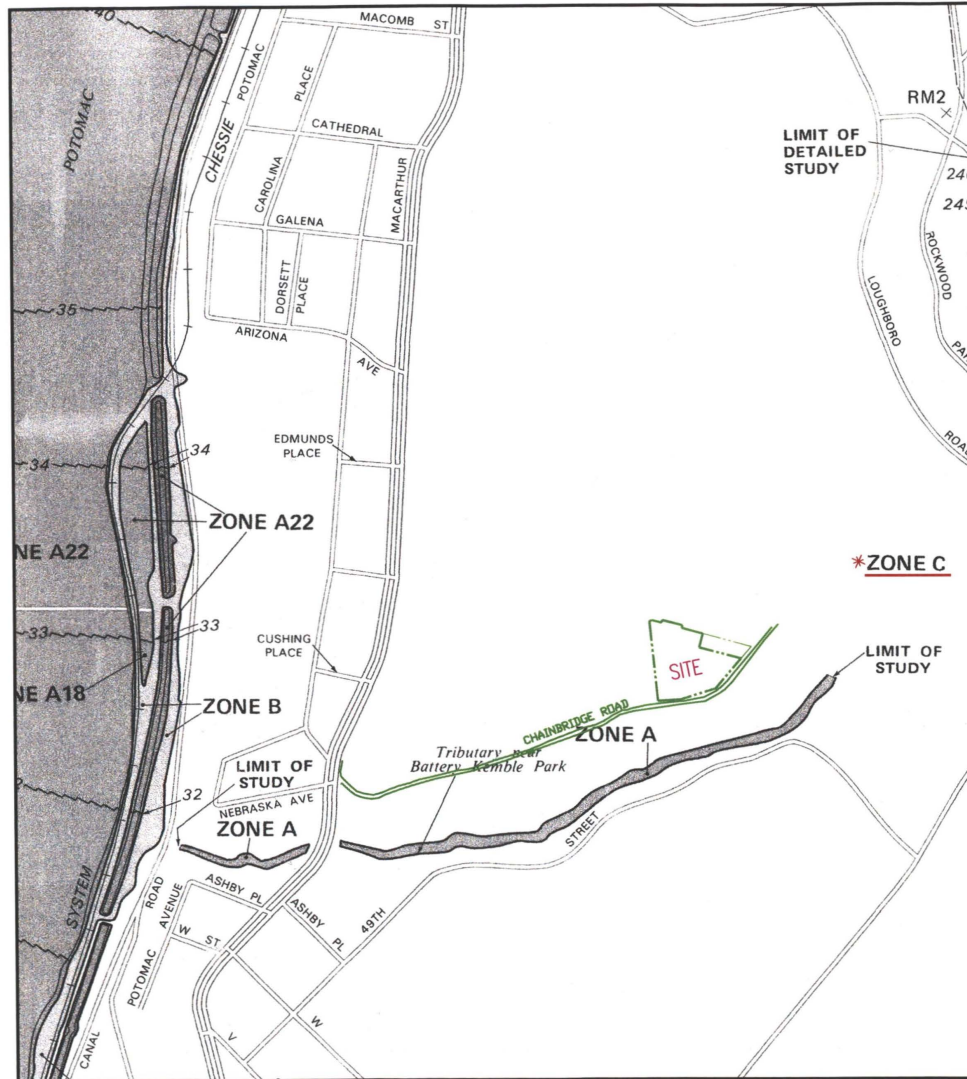
DATE: 05/20/2006
SCALE: AS SHOWN
DESIGNED BY: J. M. HARRIS
CHECKED BY: J. M. HARRIS
IN CHARGE: J. M. HARRIS
DATE: 06/20/2006
SCALE: AS SHOWN
DESIGNED BY: J. M. HARRIS
CHECKED BY: J. M. HARRIS
IN CHARGE: J. M. HARRIS

BOARD OF ZONING ADJUSTMENT
District of Columbia
CASE NO. 17309
EXHIBIT NO.

SWM CONCEPTUAL PLAN

DATE: June 22, 2006
SCALE: AS SHOWN
DESIGNED BY: J. M. HARRIS
CHECKED BY: J. M. HARRIS
IN CHARGE: J. M. HARRIS
DATE: 06/20/2006
SCALE: AS SHOWN
DESIGNED BY: J. M. HARRIS
CHECKED BY: J. M. HARRIS
IN CHARGE: J. M. HARRIS

Board of Zoning Adjustment
District of Columbia
CASE NO. 17309
EXHIBIT NO. 161



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

DISTRICT OF
COLUMBIA
WASHINGTON, D.C.

PANEL 5 OF 30

PROGRESS PRINT

SEP 18 2006

AULtec, INC.

COMMUNITY-PANEL NUMBER
110001 0005 B

EFFECTIVE DATE:
NOVEMBER 15, 1985



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Where Uniform Within Zone**

Elevation Reference Mark RM7x

Zone D Boundary

River Mile •M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
*C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

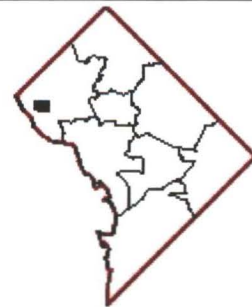
This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

For adjoining map panels, see separately printed Map Index.



DC Atlas

District of Columbia Geographic Information System



Legend

- Trees
- Elevation Label
- Five Meter Contours
- Less than 20
- 20 - 50
- 50 - 80
- 80 - 100
- 100 - 140
- Neighborhood Labels
- DC Boundary
- Streets
- Street Double Lines
- Water Bodies
- Wooded Areas
- Wetlands
- 100 Years Flood Plain
- 500 Years Flood Plain
- Building Lines
- Buildings
- Parks



Source: District of Columbia Atlas, Office of Chief Technology Officer.
Monday, September 18, 2006 5:58:07 PM

Neither the District of Columbia Government nor the Office of the Chief Technology Officer make any claims as to the completeness, accuracy, or content of any data contained in this report. In addition, they make no representation of any kind, including, but not limited to, a warranty of the accuracy or fitness for a particular use. No such warranties are to be implied