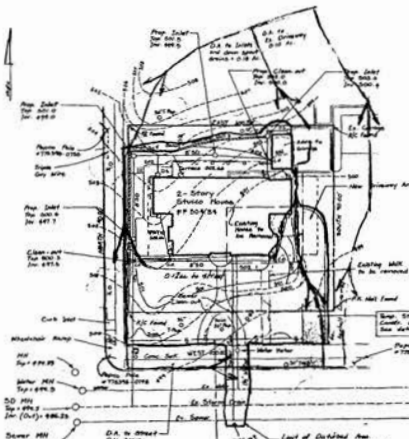
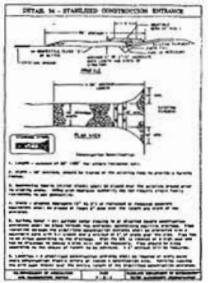
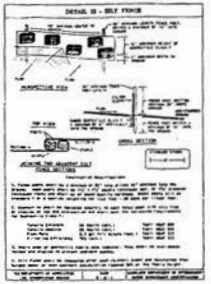






EROSION AND SEDIMENT CONTROL NOTES

1. All sediment and erosion control devices shall be installed before the start of any excavation and/or construction as per standards and specifications for soil erosion and sediment control for the District of Columbia. If an on-site inspection reveals further erosion control measures are necessary, the same shall be provided.
2. All sediment control measures shall be constructed and maintained in conformance with the most recent edition of the D.C. Erosion and Sediment Control Handbook.
3. Periodic inspection and maintenance of all sediment control structures must be provided to ensure intended purpose is accomplished. The sediment control inspector representing the District of Columbia shall maintain the authority to require additional sediment control measures as necessary to prevent the intrusion of sediment into storm drain systems or public space.
4. All points of construction ingress and egress will be protected to prevent tracking of mud onto public ways. A vehicle wash area shall be provided on-site. The area may be constructed of rubble or other non-porous material. A working water hose must be located in the area during all construction activity.
5. Silt removed from traps shall be placed and stabilized on designated areas on-site in such a manner that it does not foul existing or proposed storm drainage systems or areas already stabilized.
6. All water pumped from excavation during construction shall be pumped either to a sediment tank and/or a sediment trap. When a sediment trap/sediment tank has reached 67% capacity, the clean out of same is required. No water will be pumped to the storm drain system without the consent of the sediment control inspector.
7. All water discharges from the sediment tanks or pumped from the site must be clean and free of sediment.
8. All debris is to be removed from site.
9. All and/or streets/sidewalks shall be swept clean at all times during excavation and construction.
10. All catch basins and drain areas shall be protected during excavations and construction.
11. If any catch basin or drain becomes clogged as a result of excavation or construction, the contractor shall be responsible for its cleaning.
12. Any stockpiling, regardless of location, shall be stabilized and covered with plastic or canvas after its establishment and for the duration of the project.
13. After a razing or demolition, there is the need for ground cover such as [illegible] mulch, hydroseed, or mulch to prevent erosion and sediment runoff from occurring.

CONSTRUCTION SEQUENCE

Contractor to secure all necessary permits, and conduct a pre-construction meeting with sediment control inspector prior to start of construction or any land disturbance.

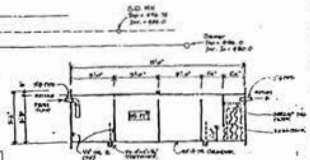
1. Install sediment control measures as shown on this plan.
2. Raze existing house, begin rough grading operations to bring lot to grade, and dig basement.
3. Install laterals and inlet protection.
4. Proceed with foundation construction for primary residence.
5. Continue construction of house, including all [illegible] plumbing and appurtenances.
6. When indoor plumbing is in place, begin and complete construction and installation of water and sewer service connection to the house. Placed new water meter and new connections to both water and sewer manifolds on Garfield St., as shown on plan. In addition, all gas and electric connections are to be made.
7. Complete construction of house and all site appurtenances. Stabilize all disturbed areas.
8. When gutters and downspouts are in place, begin and complete construction of roof/drain connections, making all connections to the storm drainage system as shown.
9. Remove sediment control devices after entire site is stabilized and permission is received from the sediment control inspector.

SPECIAL CONSTRUCTION NOTES

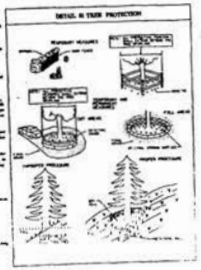
1. #36 \ indicates proposed spot elevation
2. Lot dimensions per D.C. Surveyor's Office plat of lot.
3. Existing road and utility locations based on available records.
4. Proposed disturbed area = 6,450 sf.
   Earthwork volumes: Cut = 0 c.y. Fill = 140 c.y. (Net fill = 140 c.y.)
5. Final gas and electric alignment subject to utility company approval.
6. Existing water and sewer lines to be "test pitted" prior to construction. Proposed water and sewer to be adjusted in line and grade accordingly.
7. Tree save measures to be determined by others.
8. The contractor shall hand dig test pits at all utility crossings and connecting points to determine the exact location and depth well in advance of construction.
9. D.C. standard details where shown are for general information only. The contractor shall obtain the most current applicable D.C. details and specifications and practice construction accordingly.
10. For field location of gas mains and service connections, contractor shall notify Washington Gas Light Company (703) 750-1000, 72 hours prior to start of any excavation or construction.
11. Contractor shall contact Miss Utility, 1-800-257-7777, 48 hours prior to start of construction.
12. Contractor shall contact Department of Public Works - Public Space Management - Inspection, 48 hours prior to start of construction, at (202) 645-7000.
13. The contractor shall be responsible for repairing, replacing and/or restoring any and all utility service connections destroyed during construction.
14. Contractor is to verify field conditions prior to and during construction and notify Oyster, Imus & Petzold, Inc. (301-949-3515) immediately of any discrepancies known in field field conditions and the approved plans.
15. The contractor shall perform all construction in public space in accordance with D.C. Department of Transportation standard specifications for highways and structures, latest edition. The contractor shall obtain said specifications.



Vicinity Map



SECTION THRU SEDIMENT TANK





SEDIMENT CONTROL APPROVAL

PLAN NUMBER 5-98-151

Date 7-27-98

This approval is to confirm to [illegible] Sediment Control as: Permitted / Conditional / [illegible] - manual design feature shown hereon / [illegible] at [illegible] of grading, normal sediment control activity, and earth disturbance of [illegible] subject to field inspection.

Dalles

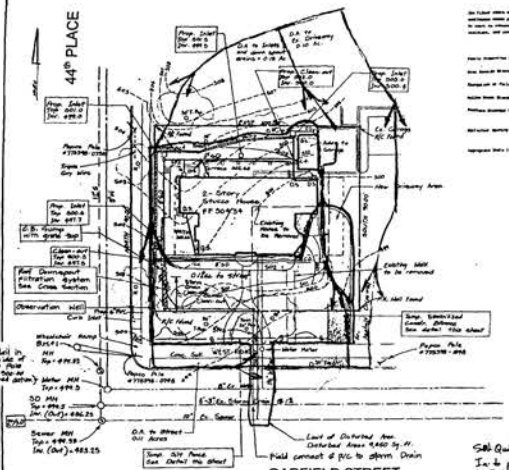
Telephone number (202) 635-6009

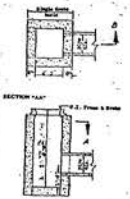


4417 Garfield St., NW

DA 59	Sediment Control Details added	Prepared for MILLER CONSTRUCTION COMPANY 2100 L Street N.W. Washington DC 20037 (202) 872 - 8010	OYSTER, IMUS & PETZOLD, INC. CIVIL ENGINEERS - LAND PLANNERS - SURVEYORS	SITE DEVELOPMENT PLAN	LOT 59 SQUARE 1614 Washington, D.C.	July 1998	SDP

BZA
Case No. 17045
Exhibit No. 6





Soil Quality for bore co-construction (RDF)

I_w = 1 per = 0.10 in

Rainfall Vol of storage = $V_r = \frac{3}{12}(1550) = 193 ft^3$

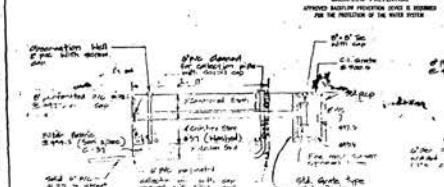
Vol of 6" Trench with no rock = 0.5×6

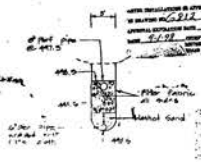
$V = R_v (I_w)(A) = .188 (1.0) \cdot 2791 ft^3$

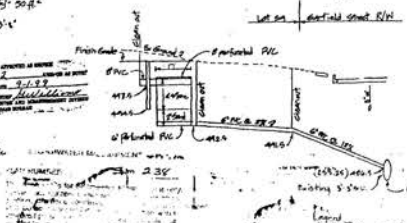
$h' = 1.20 \div [(2.4 \times n) \log \frac{4d}{3.5 n}] = 50 ft$

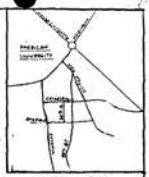
$d = \frac{V_r}{A} = \frac{193}{3.5 \pi} = 3.5 ft = 3' 6"$

$\frac{1}{2} \frac{\pi \cdot 3^2}{2} = \frac{27}{2} = 17'$









STATEMENT BY PERSON RESPONSIBLE FOR MAINTENANCE

The undersigned agrees to maintain and operate the discharge facilities in such a manner as to comply the provisions of Chapter 5, sections 509 through 519 of the D.C. Law 2-23. Responsibility for maintenance and operation may be transferred to another entity upon written notice to the Department from the undersigned and the entity assumes responsibility, certifying that the transfer of responsibility for maintenance and operation is compliance with Chapter 5, section 509 through 519 has been accepted.

William Miller, Owner
Signature
William Miller c/o We. Miller Construction CO
Address
2120 L ST, NW
Washington D. C. 20037

STATEMENT BY PROFESSIONAL ENGINEER REGISTERED IN THE DISTRICT OF COLUMBIA

This is to certify that the engineering features of this stormwater discharge facility have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of stormwater pollutants. I further certify that the facility has been designed in accordance with the specifications required under Chapter 5 section 509 through 519 of the D.C. Law 2-23 It is also stated that the undersigned has furnished the applicant with a set of instructions for the maintenance and operation of the stormwater discharge facility.

Signature of Engineer
Walter J. Petzold, P.E.
Name
c/o Oyster, Imus & Petzold, Inc.
Address
11230 B Grandview Ave.
Wheaton MD 20902

NOTICE

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Within 31 days after completion of construction of the stormwater discharge facility, please send this page to the Soil Resources Branch - Department of Consumer and Regulatory Affairs.

1. Stormwater Discharge Facility Information
   Storm Water Miller Residence
   Source Location: Street: 4417 Garfield Ave., NW
   City: Washington, D.C.
   DCRA Permit No.:
   Date Issued:

2. As-built Certification

I hereby certify that this stormwater discharge facility has been built substantially in accordance with the approved plans and specifications, and that any substantial deviations (noted below) will not prevent the system from functioning in compliance with the requirements of Section 509 through 518 of D.C. Law 2-188 when properly maintained and operated. These deviations have been based upon on-site observation of construction, scheduled and conducted by me or by a project representative under my direct supervision, have enclosed one set of as-built engineering drawings.

Signature of Engineer
Walter J. Petzold, P.E., No. 9134
Name (Please Type) D.C. Reg. No.
Oyster, Imus & Petzold, Inc.
Company Name
Affix Seal
11230 B Grandview Ave.
Company Address
Wheaton MD 20902
Date
Telephone No. 301-949-2051

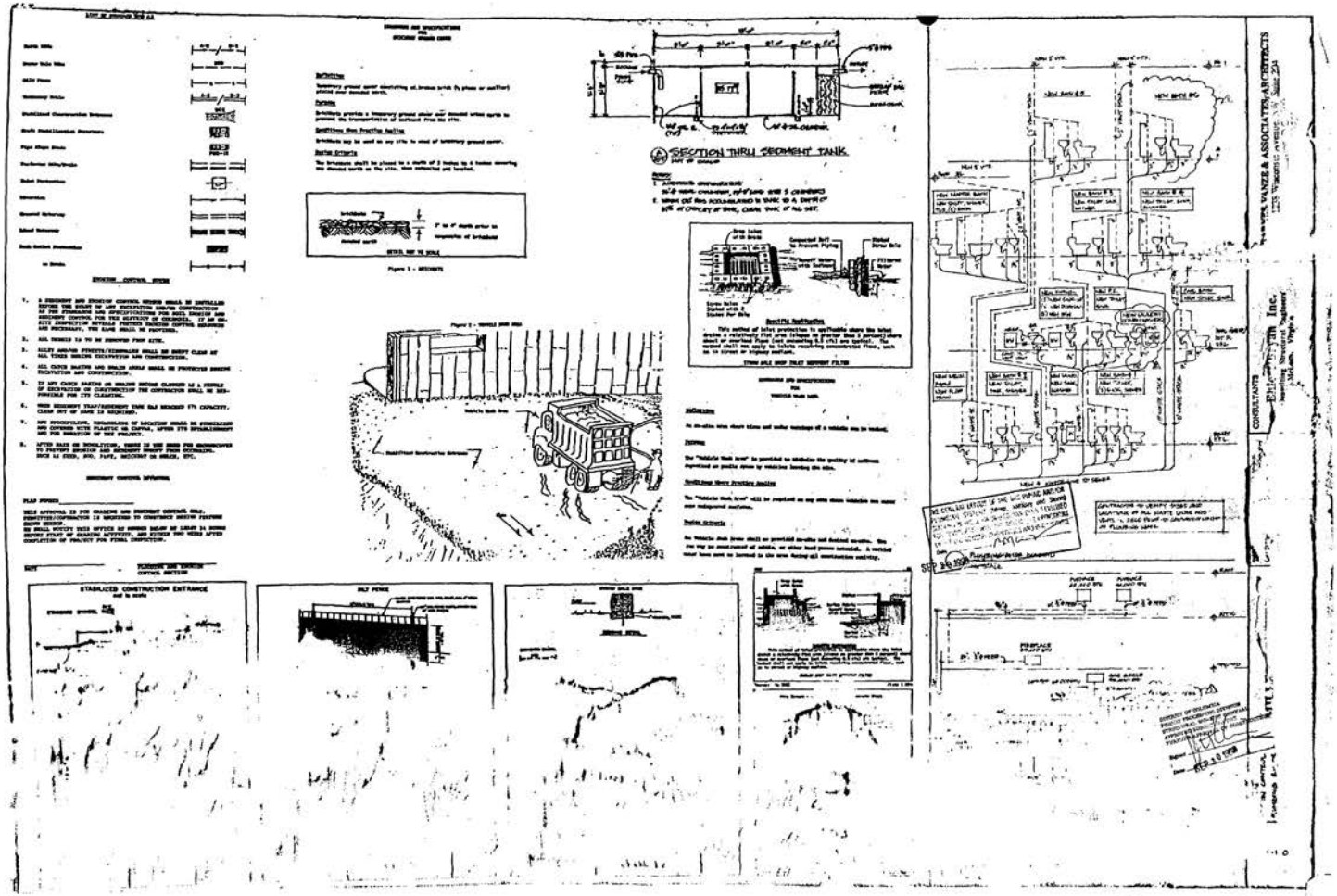
Substantial deviations from the approved plans and specifications (attach additional sheets if required).

DISTRICT OF COLUMBIA — No. 9134 — REGISTERED PROFESSIONAL ENGINEER

4417 Garfield St., NW

LOT 59 SQUARE 1614
Washington, D.C.

	Contract Limits Details		Prepared for MILLER CONSTRUCTION COMPANY 2120 L Street, N.W. Washington DC 20037 (202) 872 - 9070	OYSTER, IMUS & PETZOLD, INC. CIVIL ENGINEERS - LAND PLANNERS - SURVEYORS	STORMWATER MANAGEMENT PLAN	July 1988 Scale 1" = 20'	937.IN-1



ZONING INFORMATION

ZONE	R4/DET/R-1-A
LOT SIZE	9,000 SF.
HEIGHT LIMIT	40'
LOT COVERAGE ALLOWED	50% (2,700 SF.)
PROPOSED LOT COVERAGE	2,445 SF.

WESLEY HEIGHTS OVERLAY DISTRICT

GROSS FLOOR AREA NOT TO EXCEED 2,000 SF. PLUS 40% OF THE LOT AREA = 5,600 SF.

PROPOSED:

FIRST FLOOR	2,180 SF.
SECOND FLOOR	2,173 SF.
ATTIC	803 SF.
BASEMENT (1st 1000, FINISHED/NON = 66 SF. +5= 550 SF.	
GARAGE (UP TO 600 SF. NOT COUNTED)	
PROPOSED GARAGE = 917 SF.)	0 SF.
SWIMMING POOL	43 SF.
	5,929 SF.

DRAWING INDEX

ARCHITECTURAL

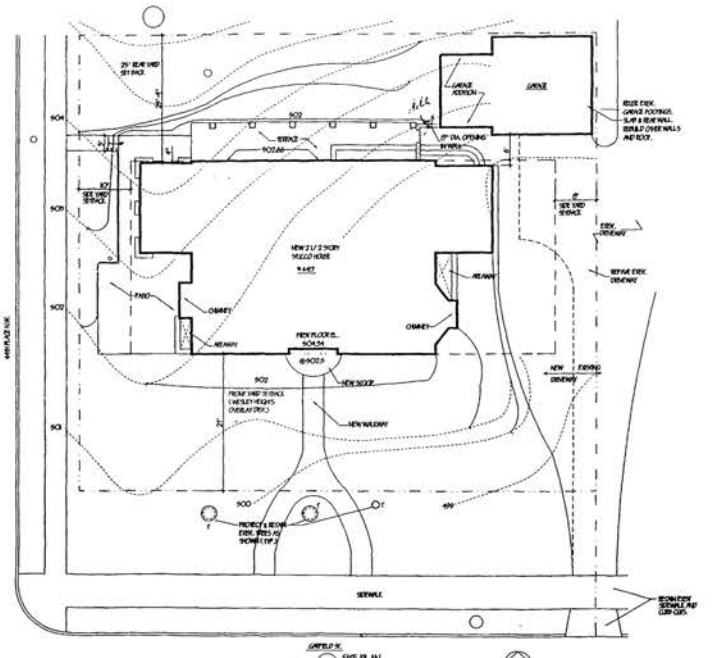
A0.0	SITE PLAN
A0.1	BASEMENT PLAN
A0.2	FIRST FLOOR PLAN
A0.3	SECOND FLOOR PLAN
A0.4	ATTIC PLAN
A1.1	FRONT ELEVATION
A1.2	SIDE ELEVATIONS
A1.3	REAR ELEVATIONS
A2.1	BUILDING SECTION
A2.2	BUILDING SECTION
A2.3	FIREPLACE DETAILS/ WALL SECTION

STRUCTURAL

S1	GENERAL NOTES & DETAILS
S2	FOUNDATION PLAN
S3	FIRST FLOOR PLAN
S4	SECOND FLOOR PLAN
S5	ATTIC FLOOR PLAN
S6	ROOF FRAMING PLAN
S7	SECTION AND DETAIL

ELECTRICAL

E1	ELECTRICAL PLAN - BASEMENT
E2	ELECTRICAL PLAN - FIRST FLOOR
E3	ELECTRICAL PLAN - SECOND FLOOR PLAN
E4	ELECTRICAL PLAN - ATTIC



2 SITE PLAN
1/8" = 1'-0"

DISTRICT OF COLUMBIA
PERMIT PROCESSING SYSTEM
STRUCTURAL NOTES ON THIS PLAN
ARE HEREBY APPROVED
PLANS MUST BE REVIEWED BY A DC LICENSED STRUCTURAL ENGINEER

Construction Inspection Required
Call 442-4797

Construction Inspection Required
Call 442-4797

BARNES VANZE & ASSOCIATES, ARCHITECTS
1328 Wisconsin Avenue, NW, Suite 204
Washington, DC 20007
(202) 337-7339

CONSULTANTS:
EHLERT/BRYAN INC.
1451 DOLLY MADISON BLVD, STE 220
MCLEAN, VA 22101

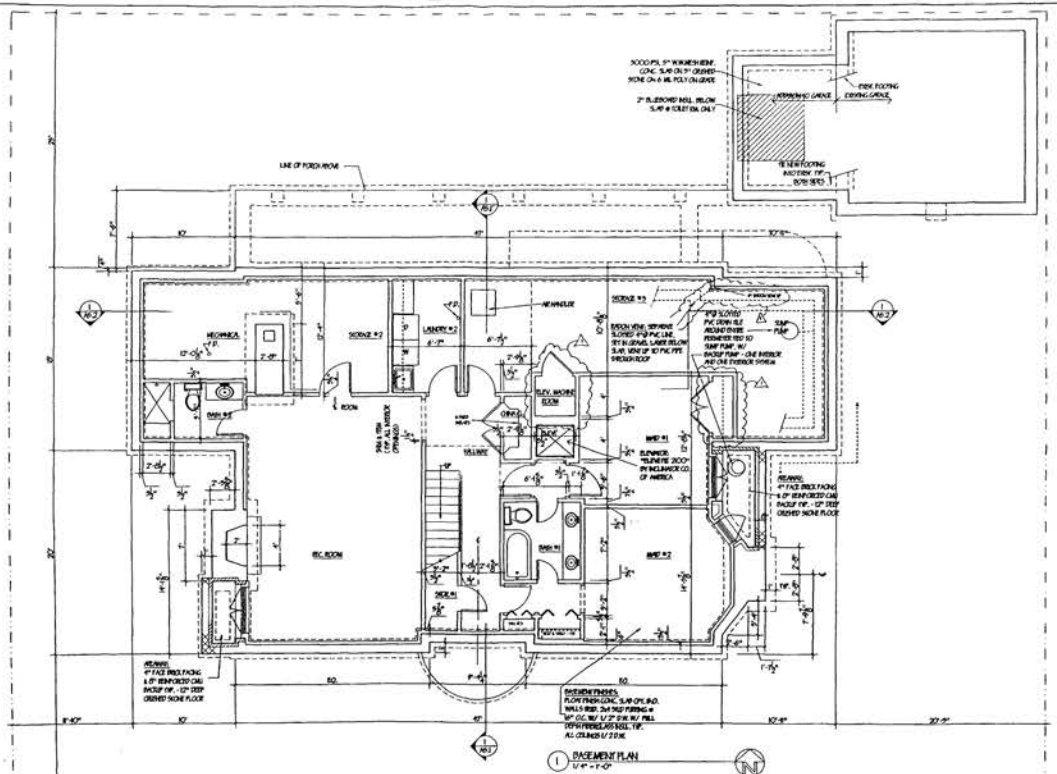
REVISED:
REVISED 7-9-98

ISSUED:
PERMIT SET 6-5-98

MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20006

DRAWING:
SITE PLAN

A3.0



BARNES VANZE & ASSOCIATES, ARCHITECTS
1120 20th St., N.W., Suite 200
Washington, DC 20007
(202) 337-7255

CONSULTANTS:
EHLERT/BRYAN INC.
1451 DOLLY MADISON BLVD, STE 210
McLEAN, VA 22101

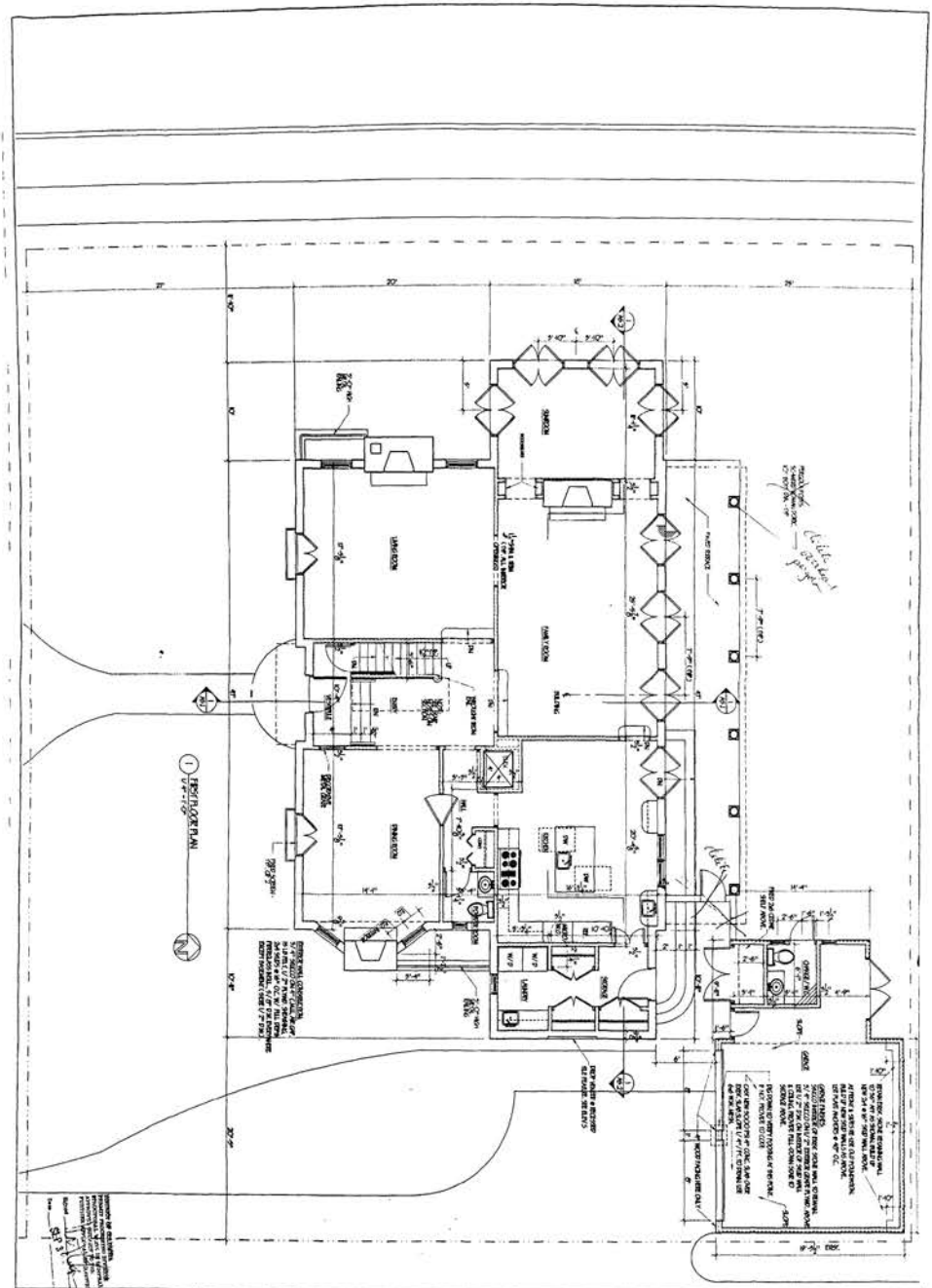
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REVISED 7-3-90

ISSUED:
ISSUED FOR BZA 6-5-90

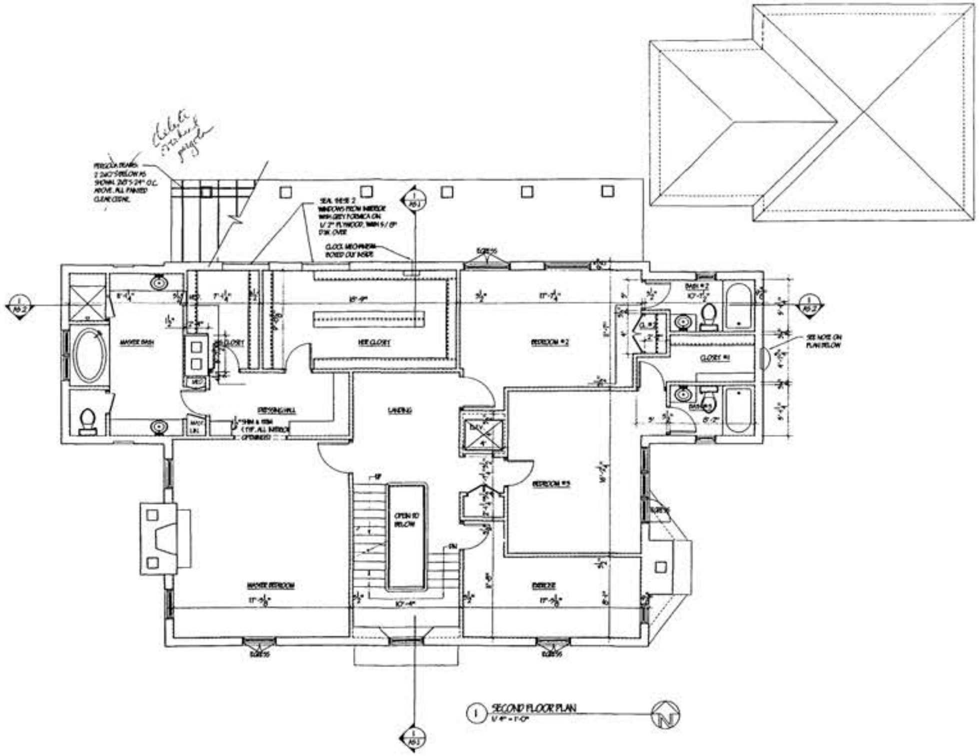
MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20006

DRAWING:
BASEMENT PLAN

A3.1



A3.2	DRAWING: FIRST FLOOR PLAN	**MILLER RESIDENCE** 4417 GARFIELD ST., NW WASHINGTON, DC 20006	ISSUED: PERMIT SET 6-9-05	REVISED:	CONSULTANTS: EHLERT/BRYAN INC. 1451 DOLLY MADISON BLED, STE 210 McLEAN, VA 22101	BARNES VANZE & ASSOCIATES, ARCHITECTS 1238 Wisconsin Avenue, NW, Suite 204 Washington, DC 20007 (202) 337 - 7205



BARNES VANZE & ASSOCIATES, ARCHITECTS
1228 Wisconsin Avenue, NW, Suite 204
Washington, DC 20007
(202) 337-7255

CONSULTANTS:
EHLERT/BRYAN INC.
1451 DOLLY MADISON BLVD, STE 120
McLEAN, VA 22101

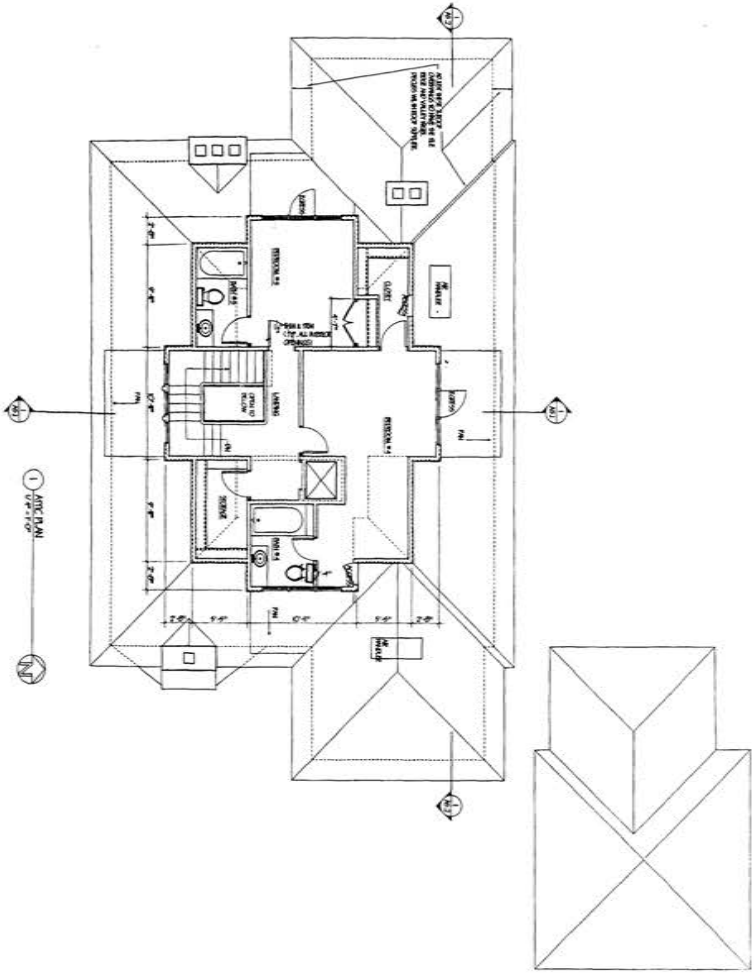
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REVISED:

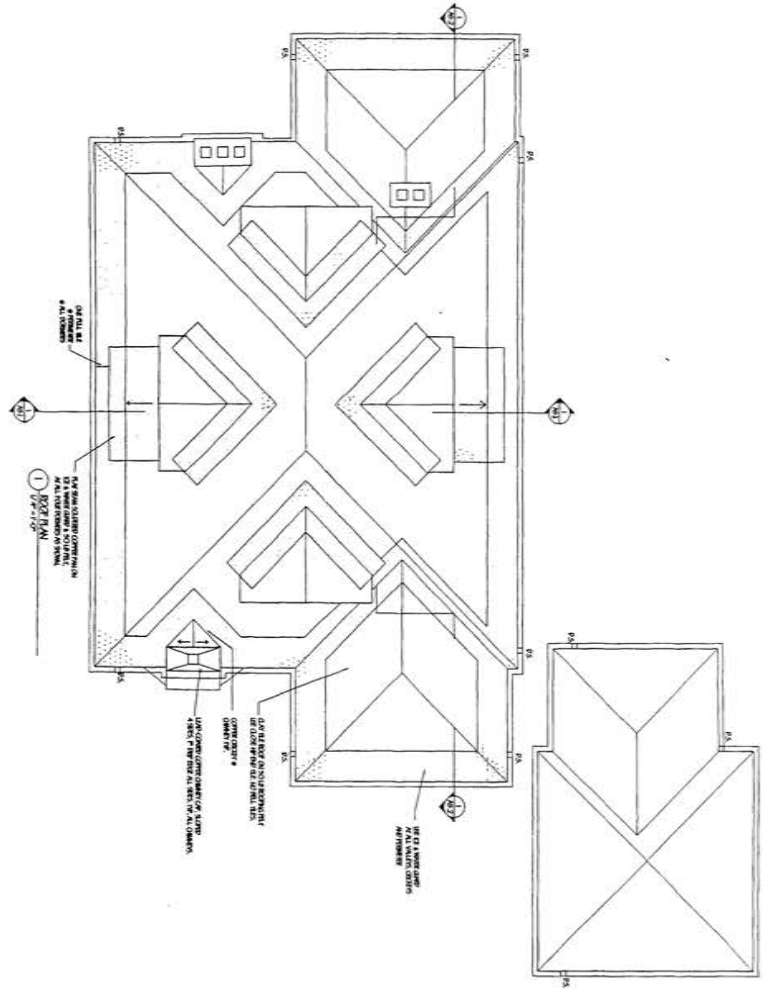
MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20006

DRAWING:
SECOND FLOOR PLAN

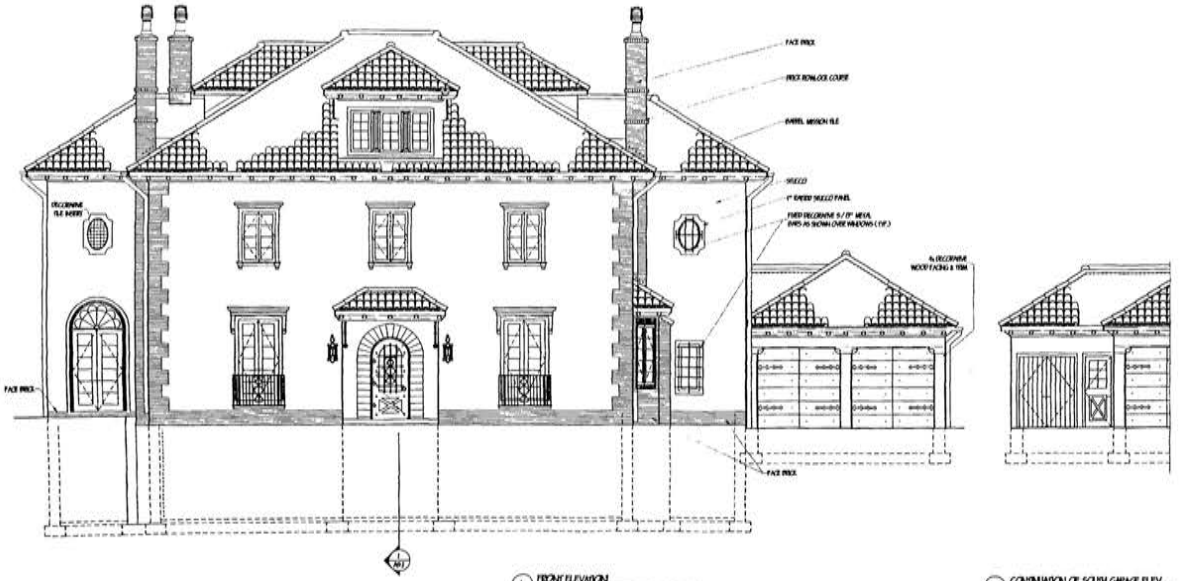
A3.3



A3.4	DRAWING: ATTIC PLAN	MILLER RESIDENCE 4417 GARFIELD ST., NW WASHINGTON, DC 20006	ISSUED: PERMIT SET 4-5-05	REVISED:	CONSULTANTS: EHLERT/BRYAN INC. 1451 DOLLY MADISON BLED, STE 220 McLEAN, VA 22101	BARNES VANZE & ASSOCIATES, ARCHITECTS 1238 Wisconsin Avenue, NW, Suite 204 Washington, DC 20007 (202) 337 - 7255



DRAWING:		ISSUED:	REVISED:	CONSULTANTS:	
A3.5 ROOF PLAN	**MILLER RESIDENCE** 4417 GARFIELD ST., NW WASHINGTON, DC 20006	PERMIT SET 6-2-05		**EHLERT/BRYAN INC.** 5401 DOLLY MADISON BLVD, STE 220 McLEAN, VA 22101	**BARNES VANZE & ASSOCIATES, ARCHITECTS** 1238 Wisconsin Avenue, NW, Suite 204 Washington, DC 20007 (202) 337 - 7255



1 FRONT ELEVATION
1/4"=1'-0"

1 CONTINUATION OF SOUTH GARAGE ELEV.
1/4"=1'-0"

DISTRICT OF COLUMBIA
PRIVATE PROPERTY DIVISION
PERMIT NO. B0500844
APPROVED FOR ISSUANCE
Signed
Date SEP 6 2005

BARNES VANZE & ASSOCIATES, ARCHITECTS
1350 Connecticut Ave., N.W., Suite 200
Washington, DC 20007
(202) 337 - 7255

CONSULTANTS:
EHLERT/BRYAN INC.
1455 DOLLY MADISON BLVD, STE 220
MCLEAN, VA 22101

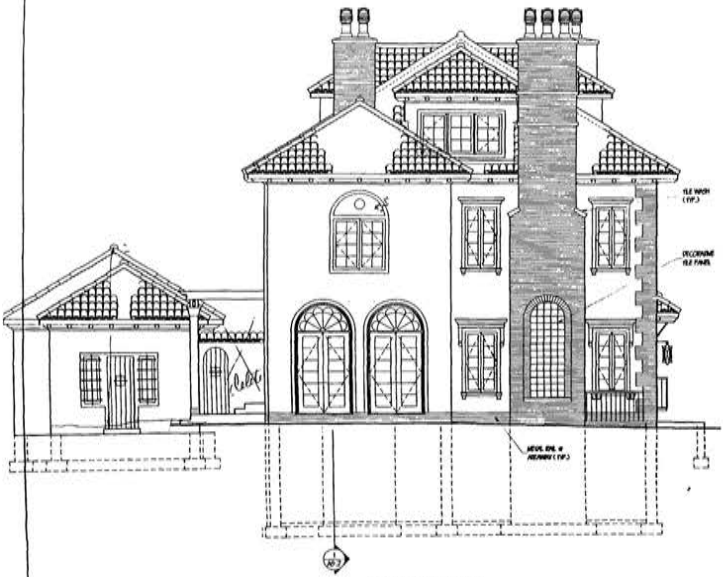
REVISED:

ISSUED:
PERMIT SET 8-5-05

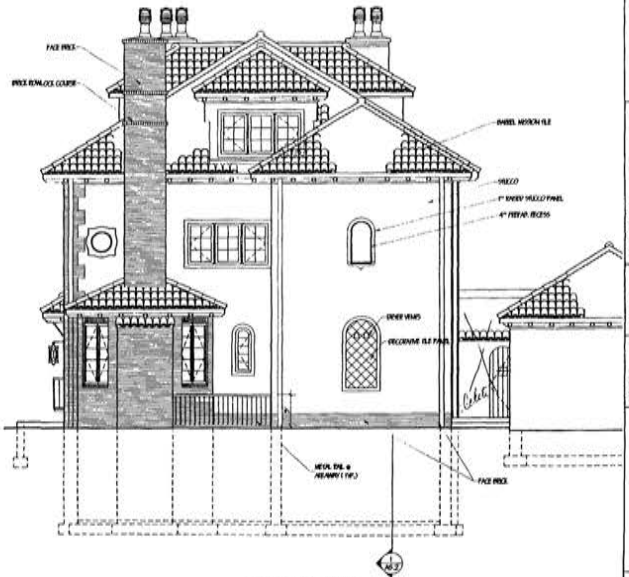
MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20016

DRAWING:
FRONT ELEVATION

A4.1



2 WEST SIDE ELEVATION



1 EAST SIDE ELEVATION

BARNES VANZE & ASSOCIATES, ARCHITECTS
1130 Wisconsin Avenue, NW, Suite 204
Washington, DC 20007
(202) 337 - 7205

CONSULTANTS:
EHLERT/BRYAN INC.
1401 DOLLY MADISON BLVD, STE 210
McLEAN, VA 22101

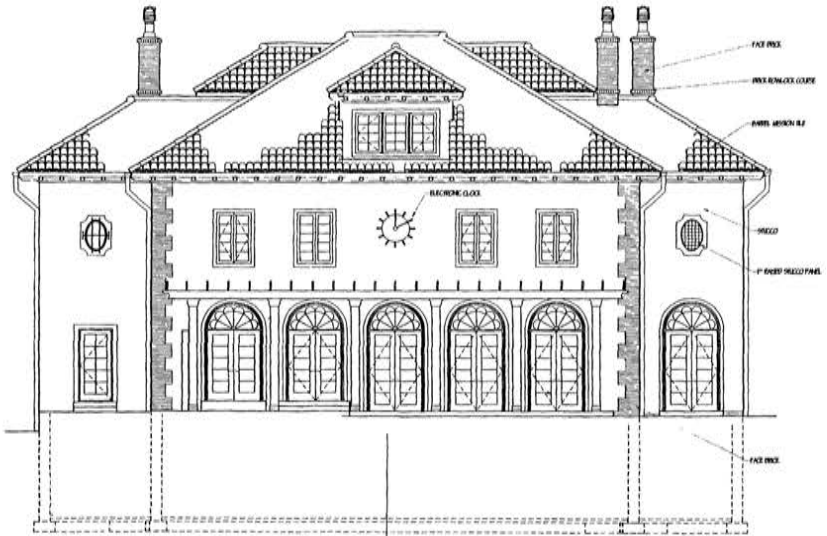
REVISED:

ISSUED:
2006-07-

MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20016

DRAWING:
SIDE ELEVATIONS

A4.2



1 BACK ELEVATION
1/4" = 1'-0"

BARNES VANZE & ASSOCIATES, ARCHITECTS
1238 Wisconsin Avenue, NW, Suite 204
Washington, DC 20007
(202) 337-7253

CONSULTANTS:
EHLERT/BRYAN INC.
1451 DOLLY MADISON BLVD, STE 220
MCLEAN, VA 22101

REVISED:

ISSUED:
PRINT 20"

MILLER RESIDENCE
4417 GARFIELD ST., NW
WASHINGTON, DC 20016

DRAWING:
BACK ELEVATION

A4.3