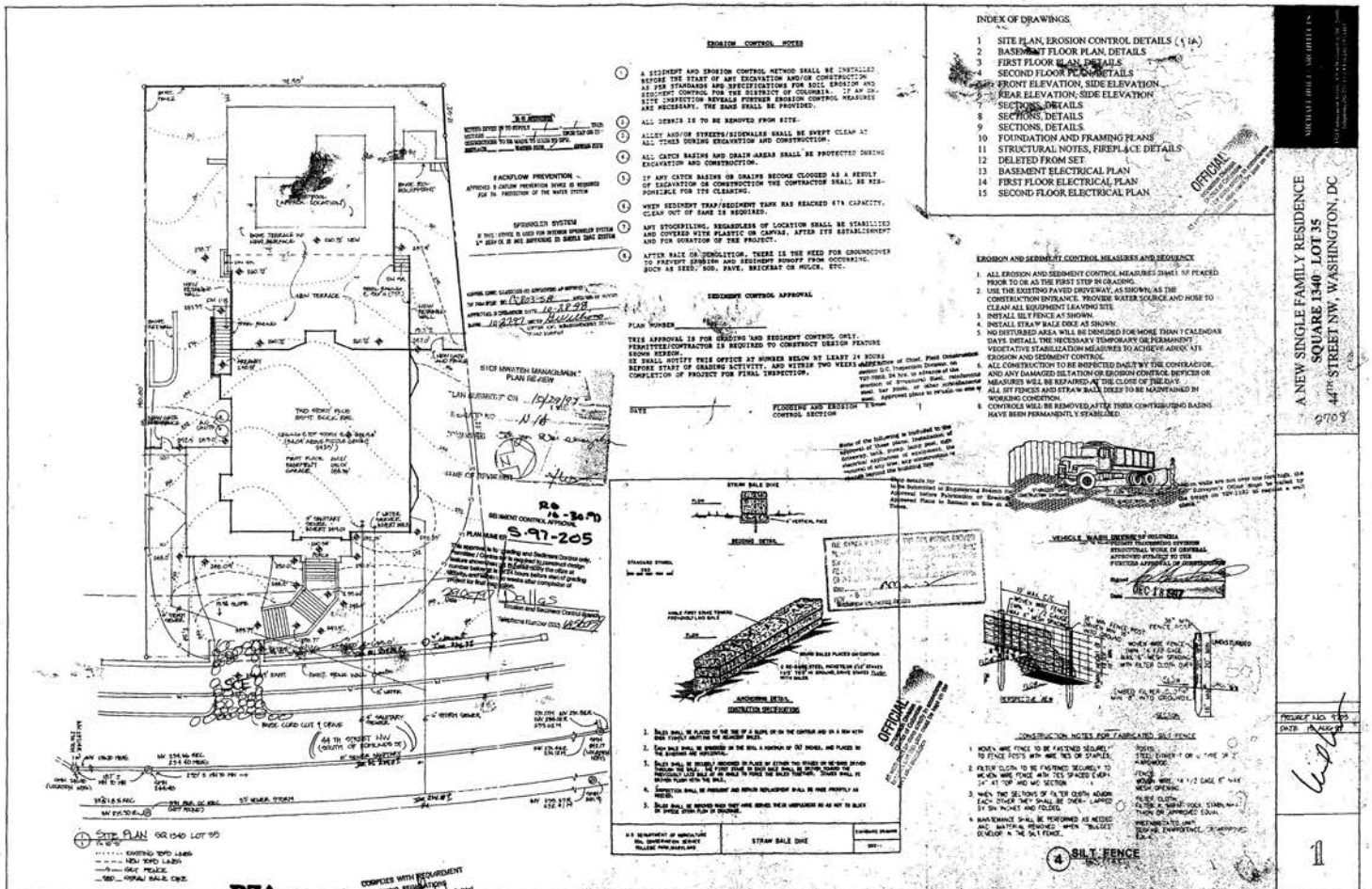
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2003 MAY 16 PM 4:23



LARGE SET

BZA 17039

BZA
Case No. 17039
Exhibit No. 18

COMPLIES WITH REQUIREMENT OF ZONING REGULATIONS

LIST OF STANDARD SYMBOLS

Earth Dike

Straw Bale Dike

Silt Fence

Temporary Swale

Stabilized Construction Entrance

Grade Stabilization Structure

Pipe Slope Drain

Perimeter Dike/Swale

Inlet Protection

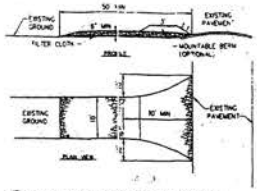
Diversion

Grassed Waterway

Lined Waterway

Rock Outlet Protection

Subsurface Drain

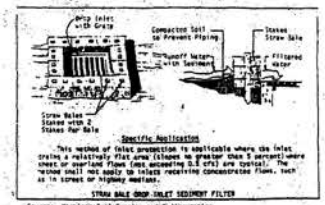


(2) STABILIZED CONSTRUCTION ENTRANCE

(NOT TO SCALE)

CONSTRUCTION AND SPECIFICATION

1. STONE SIZE- USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
2. LENGTH- AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY)
3. THICKNESS- NOT LESS THEN SIX (6) INCHES.
4. WIDTH- TEN (10) FOOT MINIMUM, BUT NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH- WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE, IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



Source: Virginia Soil Erosion and Sedimentation Control Handbook, 1975

STANDARDS AND SPECIFICATIONS
FOR
BRICKBAT GROUND COVER

Definition

Temporary ground cover consisting of broken brick (4 piece or smaller) placed over denuded earth.

Purpose

Brickbats provide a temporary ground cover over denuded areas to prevent the transportation of sediment from the site.

Conditions When Practice Applies

Brickbats may be used on any site in need of temporary ground cover.

Design Criteria

The brickbats shall be placed to a depth of 3 inches to 4 inches covering the denuded earth on the site, then compacted and leveled.

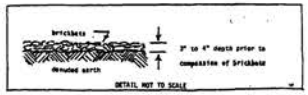
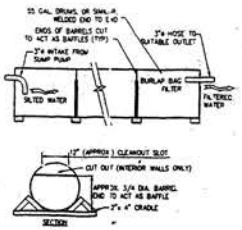


Figure 1 - BRICKBATS

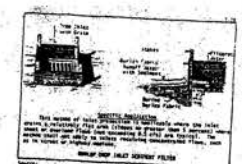


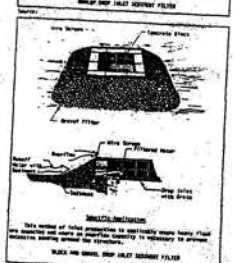
CONSTRUCTION NOTES

1. CLEAN OUT THE SEDIMENT TANK WHEN ONE THIRD (1/3) FILLED WITH SILT.
2. STEEL DRUMS ARE USED AS AN ES-MPLE DUE TO THEIR READY AVAILABILITY, ANY TANK MAY BE USED, PROVIDING THAT THE VOLUME REQUIREMENTS FROM PAGE 20.01 ARE MET.
3. ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING DEVICE OR AS APPROVED BY THE INSPECTOR.
4. TANK STORAGE VOLUME REQUIRED = 18 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED

(7) PORTABLE SEDIMENT TANK

(NO SCALE)





Source:

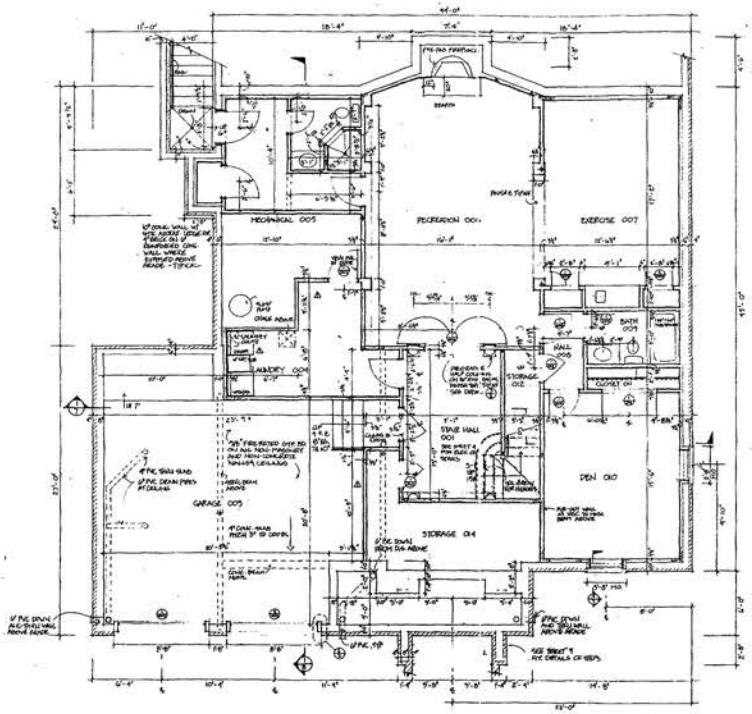
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A NEW SINGLE FAMILY RESIDENCE
SQUARE 1340 LOT 35
44TH STREET NW, WASHINGTON, DC

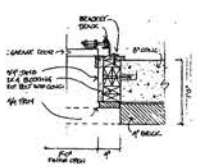
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PROJECT NO. 7900
DATE 15 AUG 80

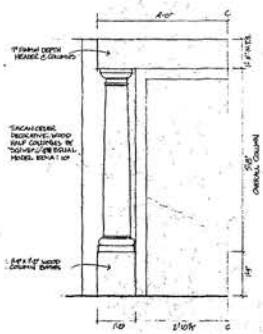
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BASEMENT PLAN



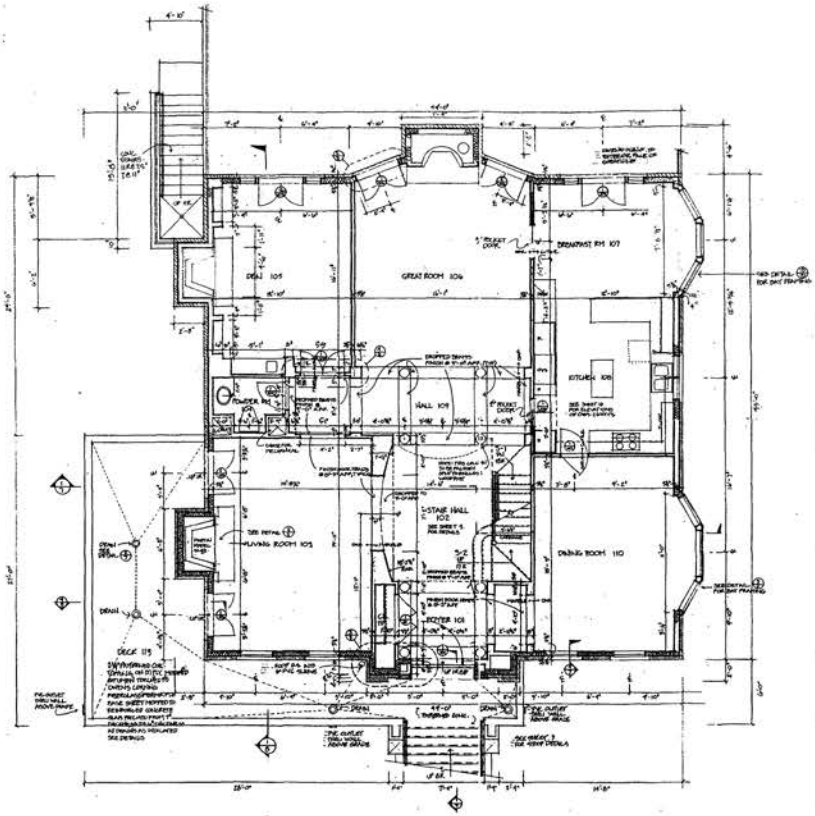
GARAGE DOOR DETAIL



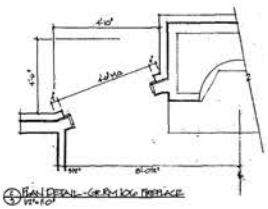
STAIRHALL 001 DETAIL ELEV

PROJECT NO. 9729
DATE: 15 AUG 97

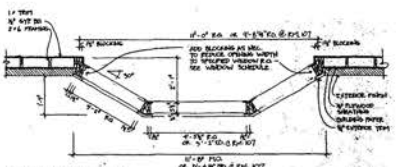
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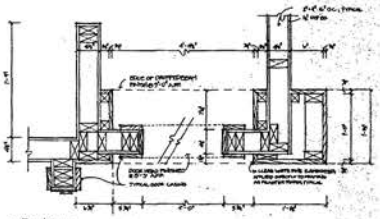
First Floor Plan



Plan Detail - Gas Log Fireplace

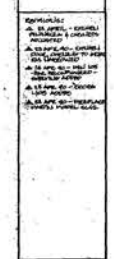


Bay Framing Detail



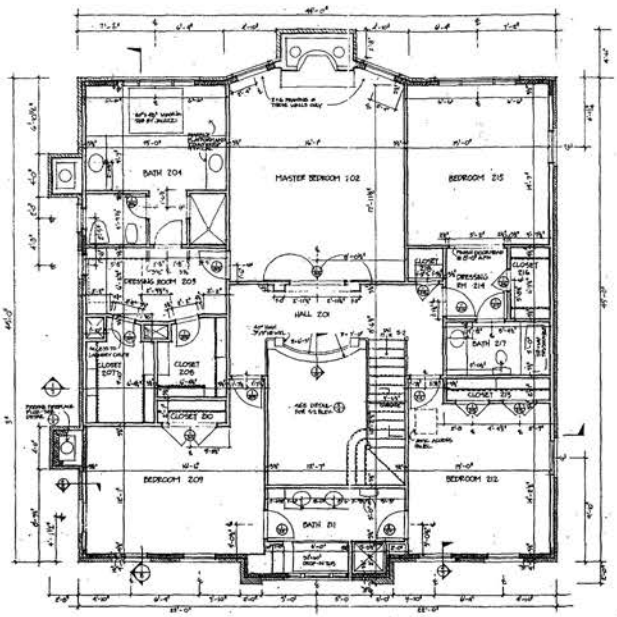
Plan Detail



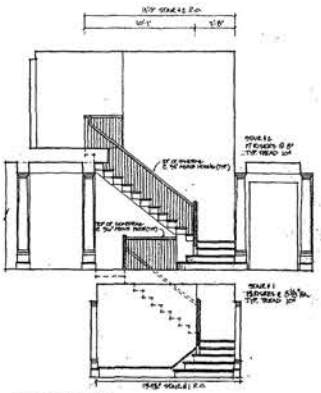








SECOND FLOOR PLAN
1/4"=1'-0"



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

PROJECT NO. 1705
DATE: 10 AUG 97

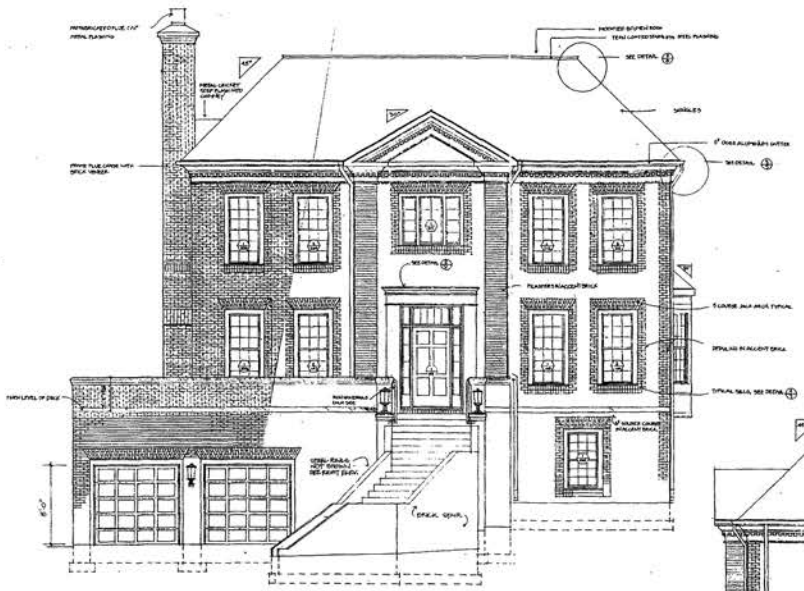
DISTRICT OF COLUMBIA
PERMIT PROCESSING DIVISION
STRUCTURAL WORK IS GENERALLY
APPROVED SUBJECT TO THE
FOREGOING APPROVED CONSTRUCTION

Signature

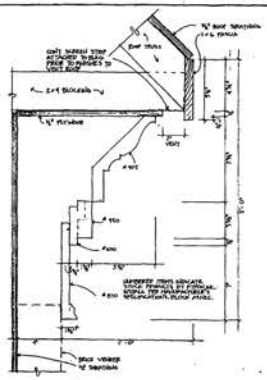
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Date

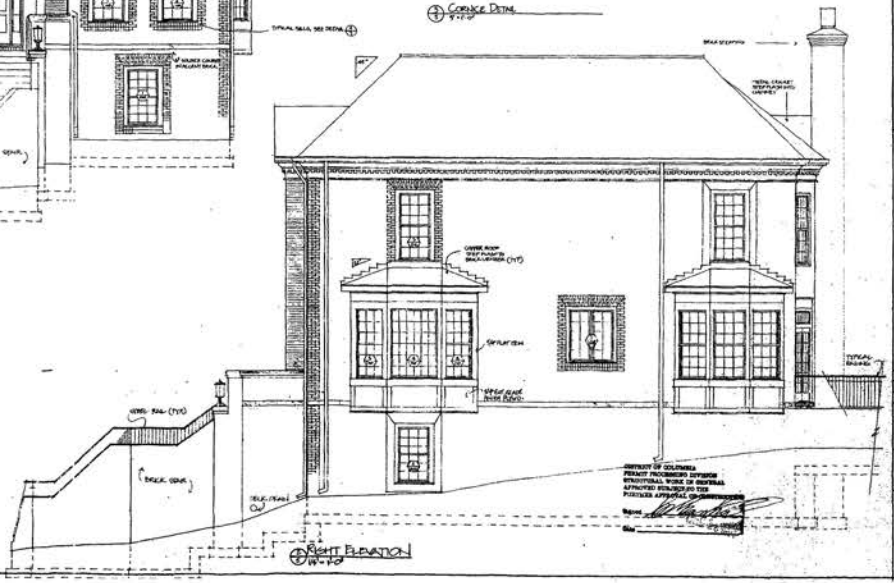
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FRONT ELEVATION



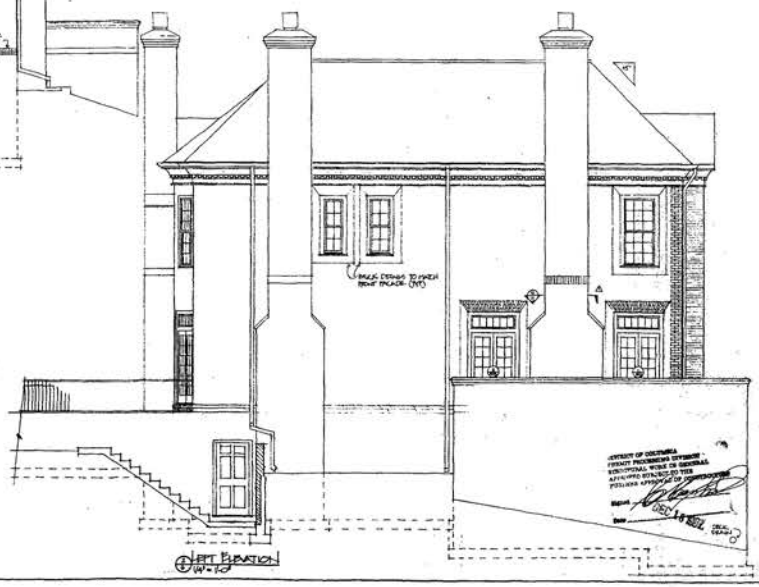
CORNICE DETAIL



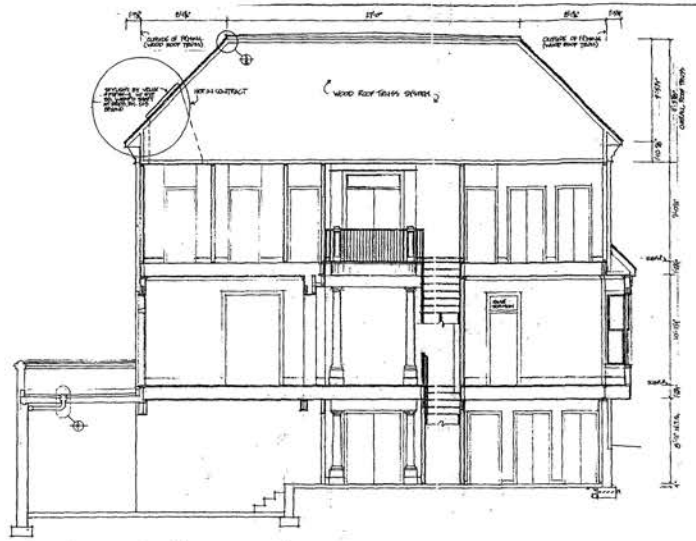
RIGHT ELEVATION



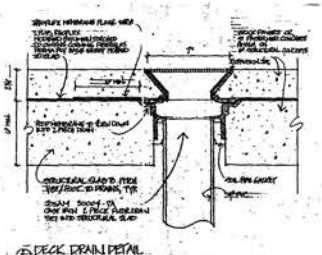
REAR ELEVATION
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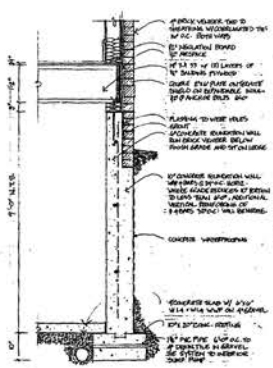
LEFT ELEVATION
1/4"=1'0"



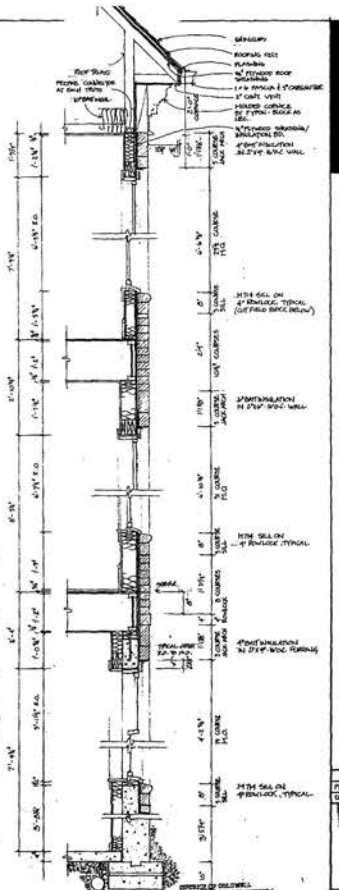
SECTION



DECK DRAIN DETAIL



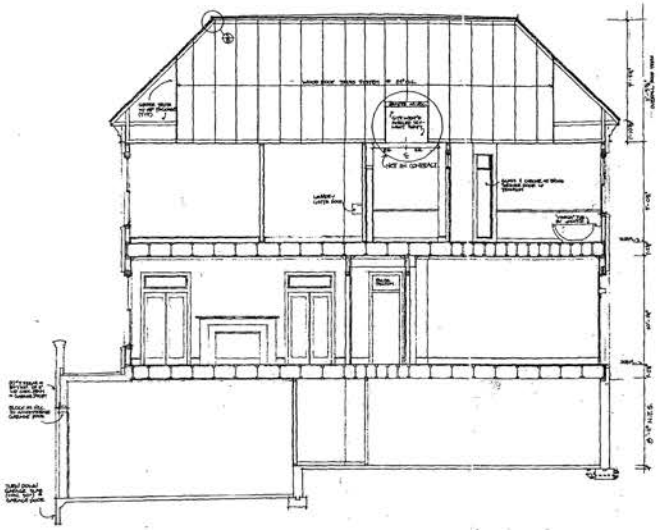
TYPICAL WALL SECTION



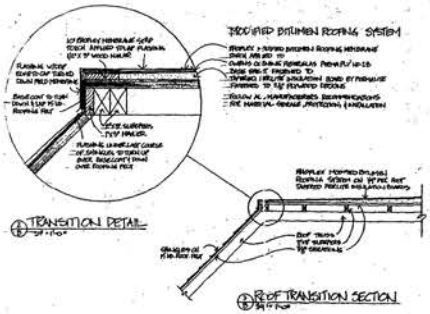
WALL SECTION

PROJECT NO. 9709
DATE 15 AUG 97

7

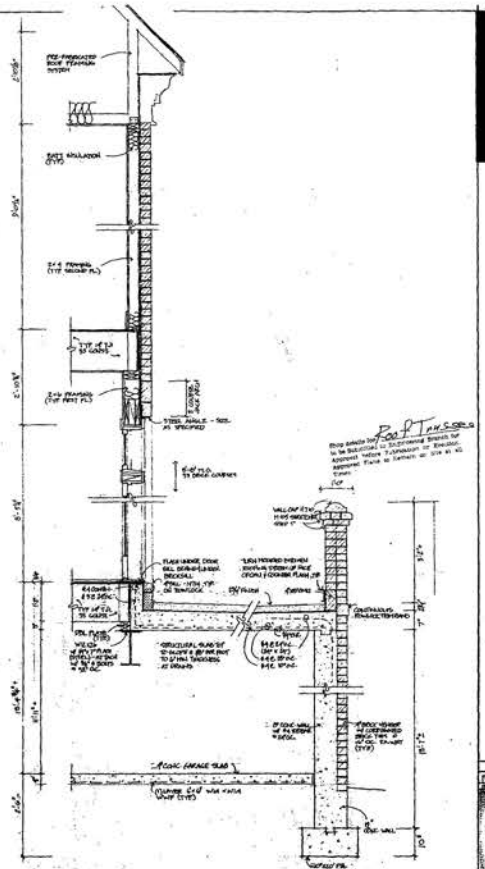


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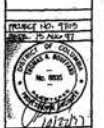


TRANSITION DETAIL

ROOF TRANSITION SECTION

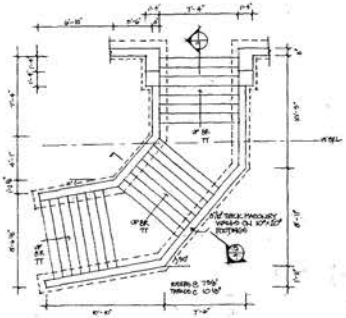


WALL SECTION

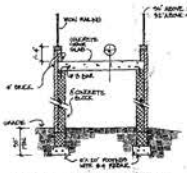




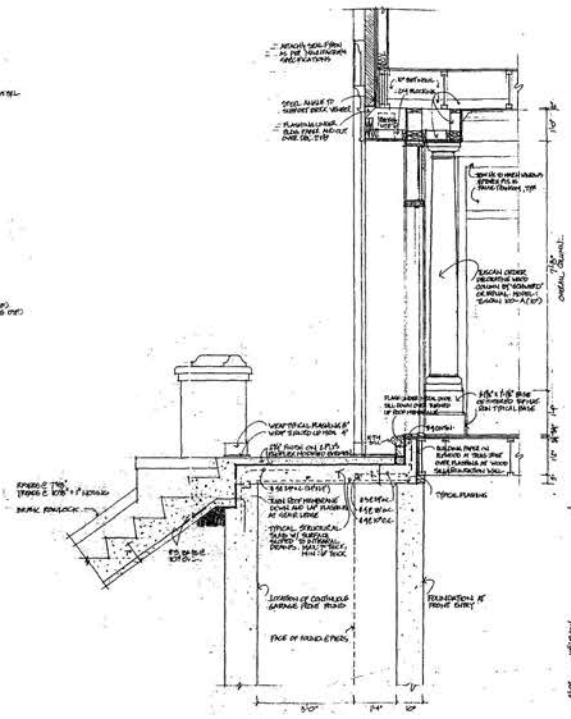
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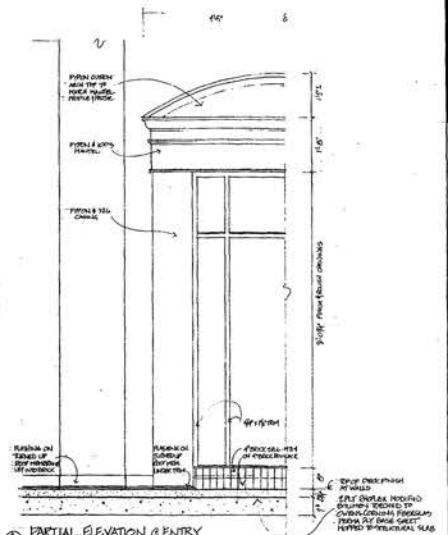
PLAN - ENTRY STAIRS



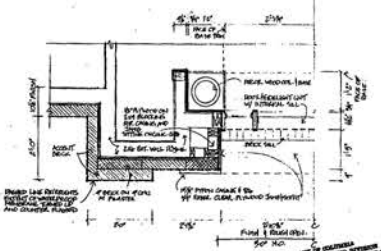
TYPICAL SECTION - ENTRY STAIRS



SECTION @ ENTRY



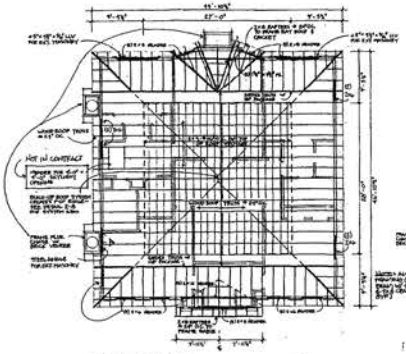
PARTIAL ELEVATION @ ENTRY



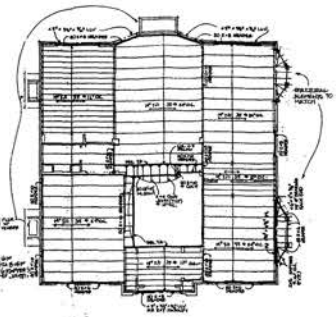
PARTIAL PLAN / SECTION @ ENTRY



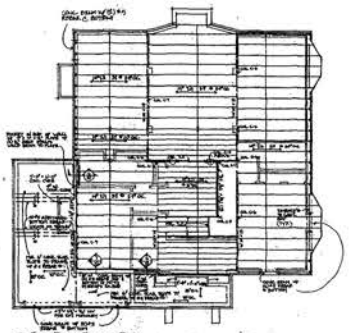
PROJECT NO. 9705
DATE: 19 AUG 97



Roof Framing Plan



Second Floor Framing Plan



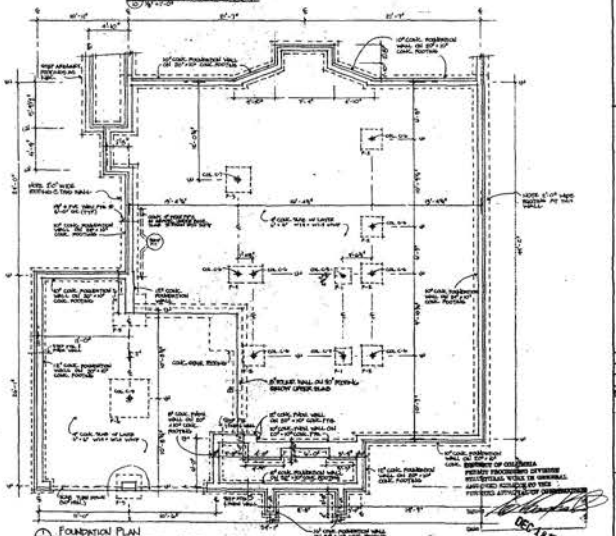
First Floor Framing Plan

Footings Schedule

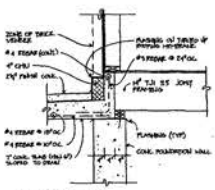
F-1	28"x28"x12" thickened slab
F-2	6'-0"x 2'-0"x18"
F-3	9'-0"x5'-0"x18"
F-4	2'-0"x 4'-0"x18"
F-5	4'-0"x4'-0"x24" w/4-#5 rebar, 6in bottom
F-6	6'-0"x6'-0"x12" w/6-#5 rebar, 6in bottom

Column Schedule

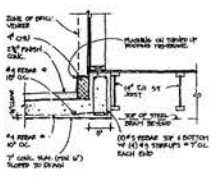
C-1	(1) 6x6 TYP at headers in 6x6 wall
C-2	(3) 2x6
C-3	(2) 6x6 TYP at headers in 2x6 wall
C-4	(3) 2x6
C-5	6x6 wood post
C-6	3" pipe, 80000# capacity
C-7	3" pipe, 77000# capacity
C-8	3½" pipe, 50000# capacity
C-9	4" pipe, 45000# capacity



Foundation Plan



4" Curb Detail



8" Concrete Beam Detail

Revisions:
1. [illegible]
2. 25 APR. '97 - Revised Building Heights

Project No. 9720
Date: 3 AUG '97

DISTRICT OF COLUMBIA
PERMIT PROCESSING DIVISION
THIS PLAN, WHEN STAMPED APPROVED, SHALL BE KEPT ON THE JOB AT ALL TIMES AND SHALL BE OPEN TO INSPECTION BY AUTHORIZED OFFICIALS

DEC 1 8 1997

10

STRUCTURAL NOTES

1. GENERAL

A. THE FOLLOWING LIVE LOADS WERE UTILIZED IN THE DESIGN:

ROOF	20 PSF
LIVING AREAS	40 PSF
BEDROOM AREAS	30 PSF
EXTERIOR DECK	60 PSF

A MINIMUM OF 10 PSF DEAD LOAD WAS ADDED IN THE DESIGN.

B. MECHANICAL UNITS AND ANY OTHER EQUIPMENT WITH WEIGHTS SHOWN ON PLAN AND SUPPORTED BY THE STRUCTURE WERE CONSIDERED IN THE DESIGN OF THE STRUCTURE. ANY ADDITIONAL EQUIPMENT NOT SHOWN ON STRUCTURAL DRAWINGS AND HAVING A WEIGHT IN EXCESS OF 400 POUNDS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

C. THE BASIC STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE COMPLETED INSTALLATION OF FLOORS AND ROOF AS SHOWN ON THE PLANS. CONTRACTOR SHALL NOT PLACE BACKFILL AGAINST CONCRETE STEPS, ETC. AS REQUIRED TO ACCOMMODATE ALL LIVE, DEAD AND WIND LOADS UNTIL ALL FINAL CONNECTIONS BETWEEN THESE ELEMENTS ARE MADE.

D. EQUIPMENT AND FOUNDATION SHALLS ARE DEPENDENT UPON THE COMPLETED INSTALLATION OF FLOORS FOR THEIR STABILITY. CONTRACTOR SHALL NOT PLACE BACKFILL UNTIL THESE ELEMENTS ARE COMPLETELY INSTALLED, OR CONTRACTOR HAS PROVIDED BRACING AND BRACING.

2. EARTHWORK

A. SOIL BEARING VALUE AT THE BOTTOM OF ALL FOOTINGS IS ASSUMED TO BE 2000 PSF. THIS VALUE IS TO BE VERIFIED IN THE FIELD PRIOR TO POURING FOOTINGS BY A REGISTERED ARCHITECT EXPERIENCED IN SOILS ENGINEERING.

B. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 1'-6" BELOW FINISH EXPOSED GRADE. WHERE REQUIRED, STEP FOOTINGS IN RATIO OF 1 HORIZONTAL TO 1 VERTICAL.

C. COMPACTED BACKFILL BELOW BUILDING SLABS - ALL SOIL FILL MATERIAL MUST BE APPROVED BY SOILS ENGINEER PRIOR TO PLACEMENT. MATERIAL TO BE FREE FROM ORGANIC MATERIAL, TRASH, ROCK, CONCRETE, ASPHALT OR OTHER DELETERIOUS SUBSTANCES. PRIOR TO PLACING FILL, THE EXISTING SURFACE SHALL BE CLEARED OF ALL DELETERIOUS MATERIALS AND SCARIFIED TO A DEPTH OF 6". FILL PLACED IN LAYERS NOT TO EXCEED 8" AND COMPACTED TO 95%, 25% OF THE ORY MAX. DENSITY AS DETERMINED BY ASTM D698.

D. FOUNDATION WALLS ARE DESIGNED ASSUMING A FREE DRAINING MATERIAL BEHIND WALL WITH A PERIMETER PERFORATED SYSTEM.

3. CONCRETE

A. ALL CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH (fc') = 3000 PSI IN 28 DAYS. ALL CONCRETE TO BE PLACED IN ACCORDANCE WITH ACI 301-72 SPECIFICATION. CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED.

B. ALL REINFORCING STEEL TO MEET ASTM-A-615 GRADE 60. PLACING PLANS AND SHOP FABRICATION DETAILS SHALL BE IN ACCORDANCE WITH "THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES". FURNISH SUPPORT BARS AND ALL REQUIRED ACCESSORIES IN ACCORDANCE WITH C.R.S.I. STANDARDS.

C. PROVIDE CLEAR DISTANCE TO OPPOSSOSE REINFORCING AS FOLLOWS:

-- BEAMS 2" EXPOSED TO WEATHER
-- FOOTINGS 3" (BOTTOM)
-- WALLS 1-1/2"
-- STRUCTURAL SLABS 3/4 INCH

4. MASONRY

A. ALL CONCRETE MASONRY UNITS TO CONFORM TO ASTM SPEC C-90 FOR LOADBEARING MASONRY. ALL MASONRY TO BE REINFORCED @ 16" O.C. HORIZONTALLY. MORTAR TO BE ASTM C-270 TYPE.

B. LINTELS FOR MASONRY WALLS SHALL BE AS FOLLOWS; PROVIDE 1 ANGLE FOR EACH 4" OF WALL THICKNESS AS FOLLOWS:

OPENINGS TO 3'-8": 3-1/2" X 3-1/2" X 1/4" - 3 1/2" HORIZONTAL
3'-9" TO 5'-0" : 4" X 3-1/2" X 5/16" - 3 1/2" HORIZONTAL
5'-1" TO 6'-8" : 5" X 3-1/2" X 5/16" - 3 1/2" HORIZONTAL

5. STEEL

A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36, FIRE TO BE A53. TUBE TO BE A500 OR A501. DETAILING TO BE IN ACCORDANCE WITH AISC STRUCTURAL STEEL DETAILING MANUAL. CONNECTIONS SHALL BE CAPABLE OF SUPPORTING ALLOWABLE UNIFORM LOAD STRESS OF 24 KSI. UNLESS OTHERWISE SHOWN, BOLTS SHALL BE 3/4" DIAMETER HIGH STRENGTH A325-N BOLTS MEETING ASTM A-325. BOLTED JOINTS TO BE BEARING TYPE BOLTED CONNECTIONS WITH METHOD OF TIGHTENING, EXCEPT ASD TAPERED WASHER UNDER TURNED ELEMENT.

B. SUBMIT COMPLETE SHOP AND ERECTION DRAWING FOR APPROVAL PRIOR TO FABRICATION OR ERECTION.

C. ALL WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY. ALL WELDING ELECTRODES (STANDARD) SHALL BE COMPATIBLE WITH THE TYPE OF STEEL BEING WELDED.

6. WOOD

A. ALL FRAMING LUMBER SHALL BE HEM FIR, GRADE I OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:

-BENDING STRESS "Fb" = 1000 PSI FOR SINGLE MEMBER USE
-BENDING STRESS "Fb" = 1150 PSI FOR REPETITIVE MEMBER USE
-HORIZONTAL SHEAR "Fv" = 95 PSI
-COMPRESSION PERPENDICULAR TO GRAIN "Fc⊥" = 405 PSI
-COMPRESSION PARALLEL TO GRAIN "Fc||" = 975 PSI
-MODULUS OF ELASTICITY "E" = 1,600,000 PSI

B. ALL EXTERIOR GRUB FRAMING LUMBER OF STRUCTURAL POSTS SHALL BE SOUTHERN YELLOW PINE, GRADE I OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:

-BENDING STRESS "Fb" = 1200 PSI FOR SINGLE MEMBER USE
-BENDING STRESS "Fb" = 1400 PSI FOR REPETITIVE MEMBER USE
-HORIZONTAL SHEAR "Fv" = 90 PSI
-COMPRESSION PERPENDICULAR TO GRAIN "Fc⊥" = 565 PSI
-COMPRESSION PARALLEL TO GRAIN "Fc||" = 1900 PSI
-MODULUS OF ELASTICITY "E" = 1,800,000 PSI

C. FLMSOE LAMINATED (MICRALAM) BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

-BENDING STRESS "Fb" = 2600 PSI
-SHEAR STRESS "Fv" = 285 PSI
-MODULUS OF ELASTICITY "E" = 1,900,000 PSI

D. CUTTING AND NOTCHING OF FLOOR JOISTS SHALL CONFORM TO THE FOLLOWING:

--NOTCH DEPTH IN TOP NOT TO EXCEED 1/6 DEPTH OF JOISTS AND BEAMS SHALL NOT EXCEED ONE-FIFTH THE DEPTH OF THE MEMBERS AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN (INCLUDING NICHE WIDTH CUTS).

--NOTCH DEPTH AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH THE DEPTH OF THE MEMBER.

--THE TENSION SIDE OF BEAMS, JOISTS AND RAFTERS OF FLOR INCHES OR GREATER MADIAL PSYCHEMIL SHALL NOT BE NOTCHED, EXCEPT AT ENDS OF MEMBERS.

--HOLES BORED OR CUT INTO JOISTS SHALL NOT BE CLOSER THAN TWO INCHES TO THE TOP OR BOTTOM OF THE JOISTS. THE DIAMETER OF THE HOLE SHALL NOT EXCEED ONE-THIRD THE DEPTH OF THE JOIST.

E. PROVIDE BLOCKING BETWEEN ALL JOISTS 2X10 OR GREATER AT INTERVALS NOT TO EXCEED 8 FEET.

F. PROVIDE SOLID BLOCKING AT 4 FEET ON CENTER BETWEEN RAND JOIST AND FIRST INTERIOR PARALLEL JOIST.

G. PREFAB JOIST AND BEAM HANGERS SHALL BE SIZED AND ATTACHED PER MANUFACTURERS RECOMMENDATION.

H. HOLES THROUGH WOOD 1'S SHALL NOT EXCEED MANUFACTURERS RECOMMENDATIONS. NO CUTS OR HOLES ARE ALLOWED THROUGH TOP OR BOTTOM CHORD.

I. WOOD "I" FLOOR JOISTS SHALL BE PER DEPTH AND SPACING SHOWN ON DRAWING. SUPPLIER SHALL CONFIRM THAT MEMBERS PROVIDED CAN CARRY DOE LOADINGS DESIGNATED IN SECTION 1.A.

J. PROVIDE TWO 2/4 INCH EXTERIOR PLYWOOD BANDS AT ALL PERIMETER BEARING WALLS. PROVIDE EQUASH BLOCK AND STIFFENERS AS REQUIRED TO DISTRIBUTE LOADINGS.

K. ALL WALL STUDS SHALL BE DRY STUD GRADE OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:

-COMPRESSION PARALLEL TO GRAIN "Fc||" = 425 PSI
-MODULUS OF ELASTICITY "E" = 1,200,000 PSI

L. TRIMMER, TRUSS JOISTS AND FLOOR JOISTS SHALL BLIGH DIRECTLY OVER STUDS WITH AN OFFSET OF NO MORE THAN ONE INCH. INSTALL ADDITIONAL STUDS AS REQUIRED.

M. HOLES BORED IN BEARING WALL STUDS SHALL NOT EXCEED 1/3 OF STUD WIDTH.

N. ALL STUD BEARING WALLS TO BE PROVIDED WITH 2 CONTINUOUS TOP PLATES AND 1 CONTINUOUS BOTTOM PLATE WITH A MINIMUM OF 3 - 16D NAILS PER HORIZONTAL BRIDGING AT EACH BEARING. SPLICES OF PLATES SHALL OCCUR OVER STUDS. SPLICES SHALL BE STAGGERED A MINIMUM OF FOUR FEET.

O. ALL LINTELS OVER ALL FRAMED OPENINGS TO BE AS SHOWN BELOW UNLESS NOTED OTHERWISE.

2 - 2x8:.....FOR OPENINGS UP TO 4'-6"
2 - 2x10:.....FOR OPENINGS UP TO 5'-6"
2 - 2x12:.....FOR OPENINGS UP TO 7'-0"

P. ALL ROOF RAFTERS AND TRUSSES SHALL BE CONNECTED AT EACH BEARING POINT WITH ONE PRIFABRICATED GALVANIZED METAL CONNECTOR. EACH ANCHOR SHALL BE 18 GAGE MINIMUM THICK AND SHALL BE ATTACHED TO HAVE A CAPACITY TO RESIST A 450# LOADING UNLESS SHOWN OTHERWISE ON DRAWINGS.

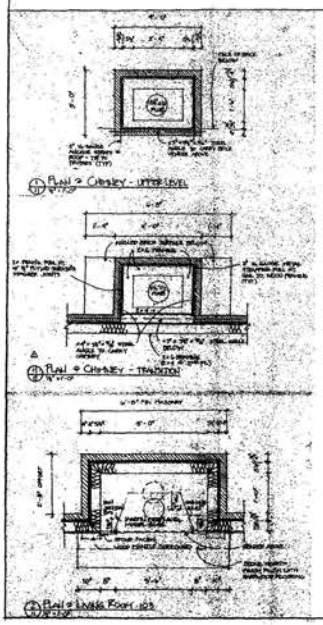
Q. ALL PREFABRICATED TRUSSES AND TRUSS JOISTS SHALL BE DESIGNED FOR THE FOLLOWING LOADS UNLESS NOTED OTHERWISE.

ROOF:	LIVE LOAD - 30 PSF
	DEAD LOAD TOP CHORD - 10 PSF
	DEAD LOAD BOTTOM CHORD - 7 PSF
BEDROOM AREAS:	LIVE LOAD - 30 PSF
	DEAD LOAD - 10 PSF
LIVING AREAS:	LIVE LOAD - 40 PSF
	DEAD LOAD - 10 PSF

SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR REVIEW. AFFIX SEAL OF ENGINEER REGISTERED IN THE STATE OF THE APPROVED PROJECT.

7. FLECHAMPING

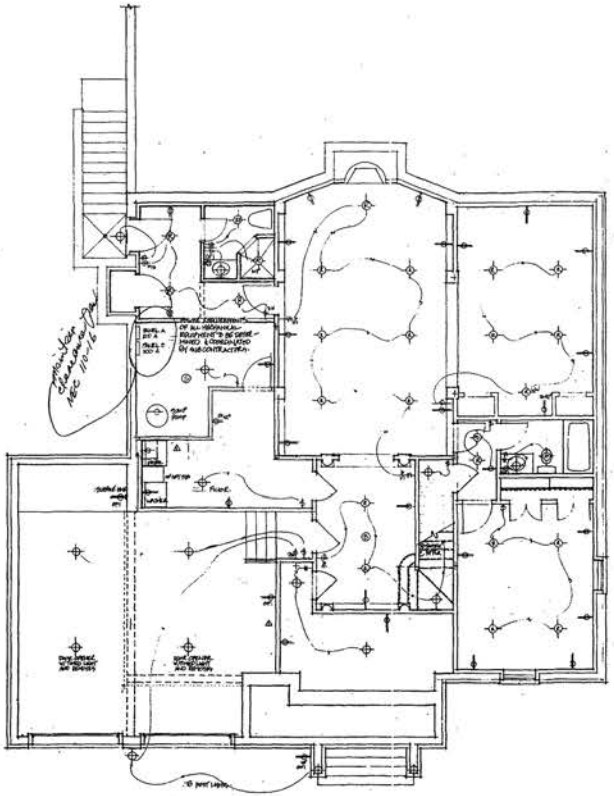
A. ALL WOOD BLOCKING, NAILERS, ETC. SHALL BE ATTACHED TO STEEL OR CONCRETE FRAMING WITH POWER ACTUATED FASTENERS OR 3/8" DIAMETER HOLTE UNLESS NOTED OTHERWISE. FASTENERS SHALL BE SPACED AT 24" MAXIMUM O/C AND SHALL BE STAGGERED. FASTENERS SHALL HAVE A MINIMUM CAPACITY OF 1200 POUNDS IF SHEAR AND PULLOUT UNLESS NOTED OTHERWISE.



PROJECT NO. 9303
DATE 15 AUG 97

STATE OF COLORADO
THOMAS A. BOOTHE
No. 9535
REGISTERED

11



ELECTRICAL
EXISTENT PLAN
E1-10

GENERAL ELECTRICAL NOTES

1. All work will be performed in strict compliance with the 1990 Edition of the National Fire Protection Association National Electrical Code, 1990 Editions of the BOCA codes, 1989 Edition of the CABO code, 1992 DC Construction Codes Supplement and/or subsequent editions of these codes adopted by the District of Columbia.
2. All work will be performed in strict compliance with the Potomac Electric Power Company.
3. Switches will be located at 50" above the finish floor to the bottom of the box, unless otherwise noted.
4. Wall outlets will be located at 16" above the finish floor to the bottom of the box, unless otherwise noted.
5. Wall outlets above countertops will be located at 42" above the finish floor to the bottom of the box, unless otherwise noted.

TYPICAL ELECTRICAL SYMBOLS

- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE (CONCEALED WHERE INDICATED)
- DUPLEX RECEPTACLE AT WEATHERPROOF BOX
- DUPLEX RECEPTACLE - TOP HALF SWITCHED
- DUPLEX RECEPTACLE IN FLOOR
- SPECIAL PURPOSE OUTLET
- JUNCTION BOX
- WALL MOUNTED FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED CEILING FIXTURE
- RECESSED CEILING FIXTURE - WALL WASHER
- WASH FROM RECESSED CEILING FIXTURE
- RECESSED CEILING FAN
- RECESSED CEILING FAN - LIGHT COMBINATION
- SMOKE/HEAT SENSOR DETECTOR, FROM DETECTOR, CABLE RUNS A DEDICATED CIRCUIT ENERGIZED CONSTANTLY WHEN THE SERVICE IS ON.
- SINGLE POLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS
BUILDING AND LAND REGULATION ADMINISTRATION

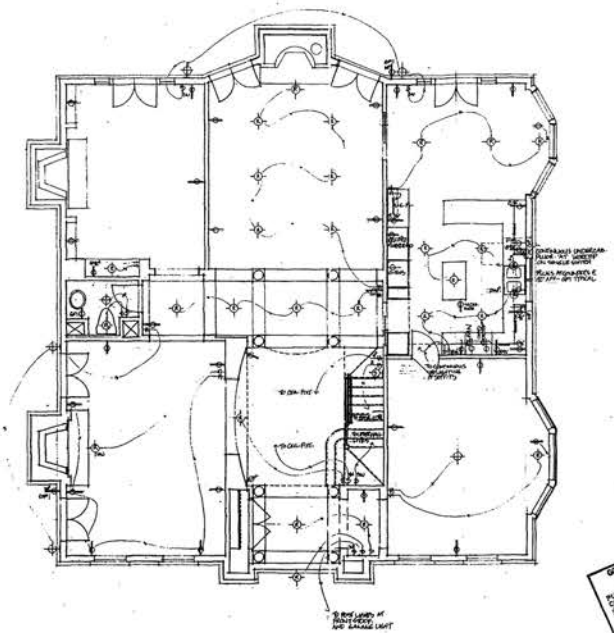
PURSUANT TO 12 DCMR K, CONSTRUCTION OTHER THAN ONE AND TWO FAMILY DWELLINGS AND THEIR ACCESSORY STRUCTURES, AND FIELD INSPECTION SHALL BE REQUIRED.

NO. _____
DATE: _____

ELECTRICAL ENGINEERING SECTION

REVISIONS:
1. 2 JAN. 97 - LAN EMERGENCY LIGHTING
2. 15 APR. 97 - ADDITIONAL EXTENSIVE RENOVATIONS
3. 25 APR. 97 - ADDITIONAL WINDOWS ENLARGED
4. 29 APR. 97 - EXIT PASSAGE ENLARGED

PROJECT NO. 9705
DATE: 10 JAN 97



ELECTRICAL
First Floor Plan

GENERAL ELECTRICAL NOTES

1. All work will be performed in strict compliance with the 1990 Edition of the National Fire Protection Association National Electrical Code; 1990 Edition of the BOCA codes; 1989 Edition of the CABO code; 1992 DC Codes/Action Codes Supplement and/or subsequent issues of these codes adopted by the District of Columbia.
2. All work will be performed in strict compliance with the Potomac Electric Power Company.
3. Switches will be located at 30" above the finish floor to the bottom of the box, unless otherwise noted.
4. Wall outlets will be located at 18" above the finish floor to the bottom of the box, unless otherwise noted.
5. Wall outlets above counters will be located at 42" above the finish floor to the bottom of the box, unless otherwise noted.

TYPICAL ELECTRICAL SYMBOLS

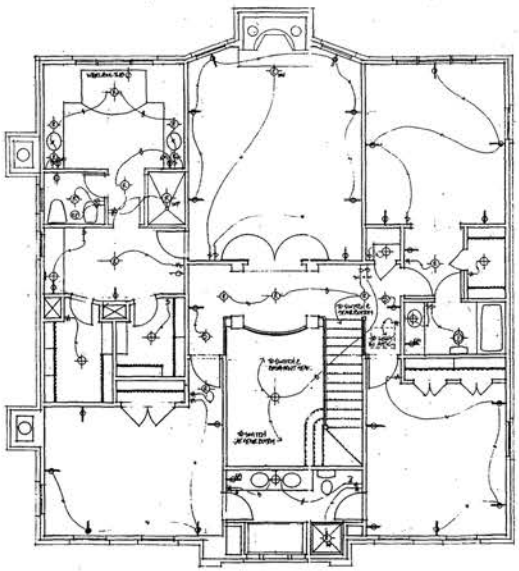
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE W/GROUND FAULT INTERRUPT
- DUPLEX RECEPTACLE W/WEATHERPROOF BOX
- DUPLEX RECEPTACLE - TOP HALF SWITCHED
- DUPLEX RECEPTACLE IN FLOOR
- SPECIAL PURPOSE OUTLET
- JUNCTION BOX
- WALL MOUNTED FIXTURE @ 6'-0" MAX. TYP.
- CEILING MOUNTED FIXTURE
- RECESSED CEILING FIXTURE
- RECESSED CEILING FIXTURE - WALL WASHER
- WATER PROOF RECESSED CEILING FIXTURE
- RECESSED CEILING FAN
- RECESSED CEILING FAN - LIGHT COMBINATION
- SMOKE DETECTOR
- SINGLE POLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PURSUANT TO THE CURRENT D. C. CONSTRUCTION CODES SUPPLEMENT, THE ELECTRICAL PLAN REVIEW, ACTUAL INSTALLATION, FINAL INSPECTION AND TESTING OF THE ELECTRICAL WORK AND FIELD INSPECTION WILL BE DONE BY:
DATE: 5 SEP
ELECTRICAL ENGINEERING SECTION

REVISIONS:
Δ WWW.WWW.COM

PROJECT NO. 1993
DATE: 9 AUG 93

14



ELECTRICAL
SECOND FLOOR PLAN
1/4"=1'-0"

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS
PURSUANT TO CURRENT D. C. CONSTRUCTION CODES AND REGULATIONS, THIS ELECTRICAL PLAN HAS BEEN REVIEWED AND APPROVED FOR ISSUANCE OF PERMITS. ANY ADDITIONAL WORK SHALL BE SUBMITTED FOR PRIOR APPROVAL. NO WORK SHALL COMMENCE UNTIL PERMITS ARE ISSUED.
DATE: 5 SEP
REVIEW: ENGINEERING SECTION

GENERAL ELECTRICAL NOTES

1. All work will be performed in strict compliance with the 1996 Edition of the National Fire Protection Association National Electrical Code; 1996 Edition of the BOCA codes; 1993 Edition of the CABO codes; 1992 DC Construction Codes Supplement and/or subsequent editions of these codes adopted by the District of Columbia.
2. All work will be performed in strict compliance with the Potomac Electric Power Company.
3. Switches will be located at 48" above the finish floor to the bottom of the box, unless otherwise noted.
4. Wall outlets will be located at 18" above the finish floor to the bottom of the box, unless otherwise noted.
5. Wall outlets above counters will be located at 42" above the finish floor to the bottom of the box, unless otherwise noted.

TYPICAL ELECTRICAL SYMBOLS

- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE (GROUND-FAULT INTERRUPTER)
- DUPLEX RECEPTACLE (WEATHERPROOF BOX)
- DUPLEX RECEPTACLE - TOP HALF SWITCHED
- DUPLEX RECEPTACLE (DATA LINE)
- SPECIAL PURPOSE OUTLET
- JUNCTION BOX
- WALL MOUNTED FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED CEILING FIXTURE
- RECESSED CEILING FIXTURE - WALL WASHER
- WATER PROOF RECESSED CEILING FIXTURE
- RECESSED CEILING FAN
- RECESSED CEILING FAN - LIGHT COMBINATION
- UNDERCABINET WIRELESS INITIATING DEVICE DETECTING SMOKE AND A DEDICATED CIRCUIT CONTROLLED WIRELESS FROM THE ALARM PANEL
- SINGLE POLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH

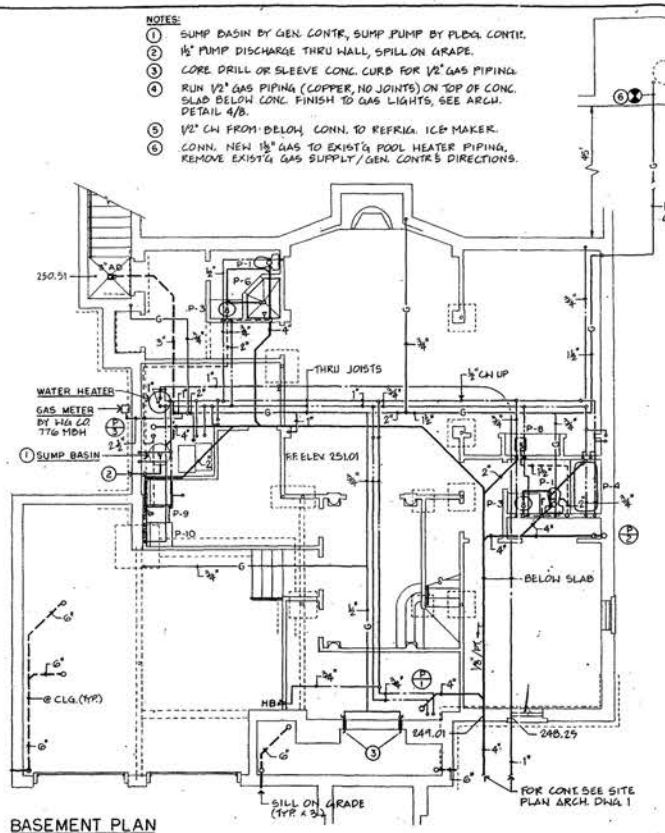
REVISIONS
3 SUBMIT TO PERMIT DEPT. - COMMENTS

PROJECT NO. 1995
DATE: 15 AUG '97

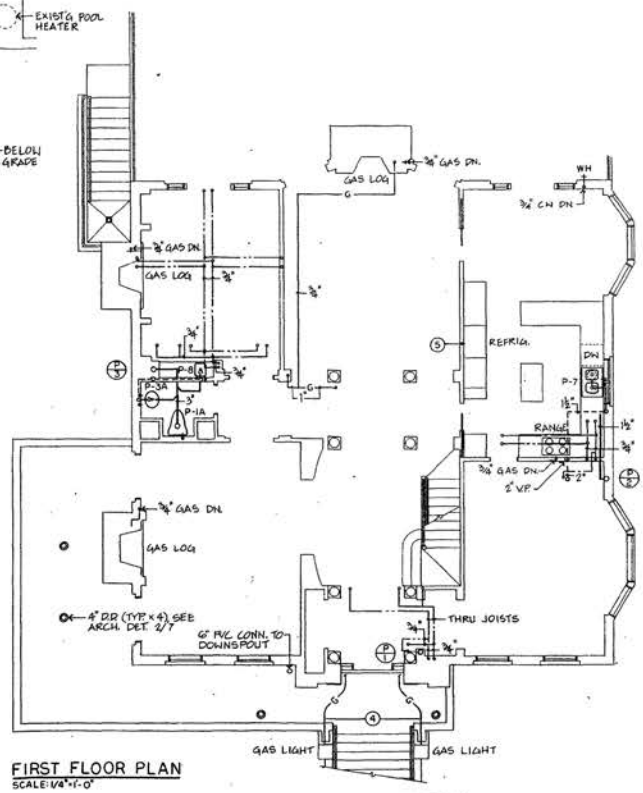
15

NOTES:

1. SUMP BASIN BY GEN. CONTR, SUMP PUMP BY PLBG. CONTR.
2. 1½" PUMP DISCHARGE THRU WALL, SPILL ON GRADE.
3. CORE DRILL OR SLEEVE CONC. CURB FOR ½" GAS PIPING.
4. RUN ½" GAS PIPING (COPPER, NO JOINTS) ON TOP OF CONC. SLAB BELOW CONC. FINISH TO GAS LIGHTS, SEE ARCH. DETAIL 4/8.
5. ½" CW FROM BELOW, CONN. TO REFRIG. ICE MAKER.
6. CONN. NEW 1½" GAS TO EXIST'G POOL HEATER PIPING, REMOVE EXIST'G GAS SUPPLY / GEN. CONTR'S DIRECTIONS.



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

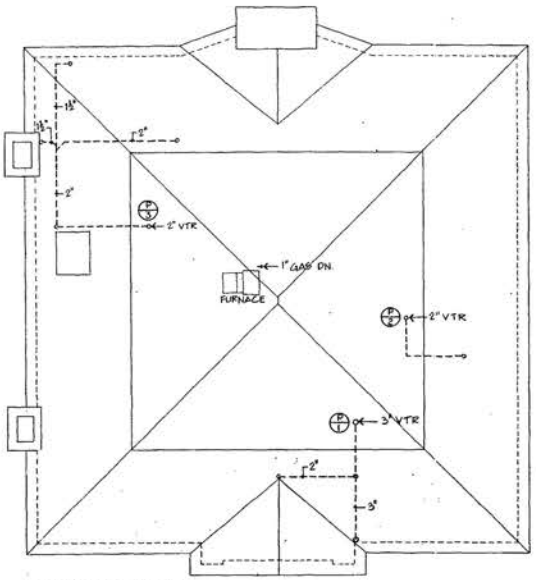


FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

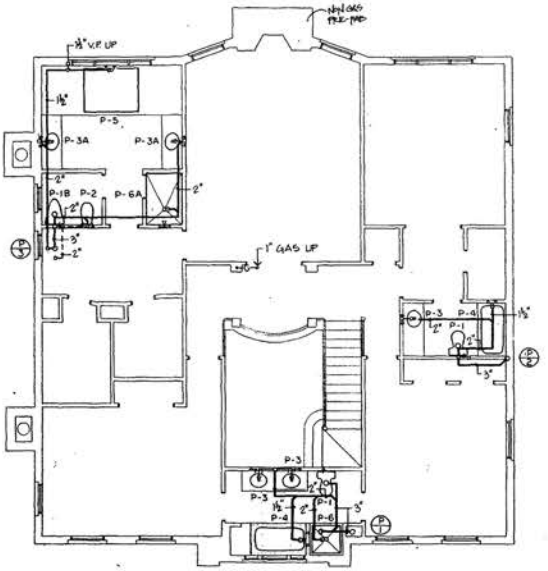
A NEW SINGLE FAMILY RESIDENCE
SQUARE 1340 LOT 35
44TH STREET NW, WASHINGTON, DC

PROJECT NO. 97-05
DATE: 10/20/97

P-1



ATTIC/ROOF PLAN
SCALE: 1/4"=1'-0"



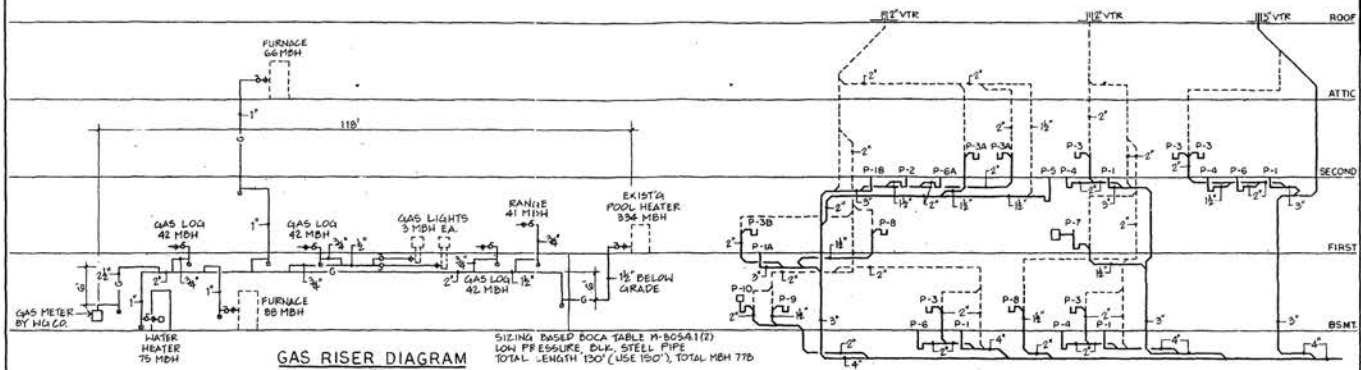
SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"



A NEW SINGLE FAMILY RESIDENCE
SQUARE 1340 LOT 35
44TH STREET NW, WASHINGTON, DC

PROJECT NO. 9703
DATE: 10/20/97

P-2



GAS RISER DIAGRAM
NTS

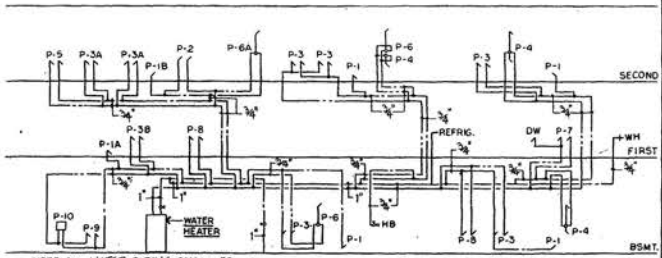
SIZING BASED BOCA TABLE M-BOSA1(2)
LOW PRESSURE, BLK. STEEL PIPE
TOTAL LENGTH 130' (USE 150'), TOTAL MBH 775

SANITARY RISER DIAGRAM
NTS

FIXTURE CONNECTION SCHEDULE						
NO	DESCRIPTION	VENT	WASTE	HW	CW	REMARKS
P-1	WATER CLOSET	2"	3"	—	1/2"	
P-1A	WATER CLOSET	2"	3"	—	1/2"	
P-1B	WATER CLOSET	2"	3"	—	1/2"	
P-2	BIDET	1½"	1½"	1/2"	1/2"	
P-3	LAV	1½"	1½"			
P-3A	LAV	1½"	1½"			
P-3B	LAV	1½"	1½"			
P-4	TUB	1½"	1½"			
P-5	JACUZZI	1½"	1½"			
P-6	SHOWER	1½"	2"			
P-6A	SHOWER	1½"	2"			
P-7	KITCHEN SINK	1½"	1½"			W/ DISPOSAL & DW CONN.
P-8	BAR SINK	1½"	1½"			
P-9	LAUNDRY TRAY	1½"	1½"			
P-10	WASH. MACH. BOX	2"	2"			

SYMBOL LIST

SYMBOL		DESCRIPTION
		SANITARY/WASTE
		STORM
		VENT PIPING
		COLD WATER
		HOT WATER
G		GAS PIPING
		PIPE UP/DOWN
		GATE VALVE
		GAS COCKS
		UNION
		CAP
	AD	AREA DRAIN
	DD	DECK DRAIN
	WH	WALL HYDRANT
	HB	HOSE BIBB W/ BFP
		CONN. NEW TO EXIST'G
V.R		VENT PIPE
DW		DISHWASHER
DN.		DOWN
TYP		TYPICAL
MBH		1000 BTU/HR.
VTR		VENT THRU ROOF
BFP		BACKFLOW PREVENTER



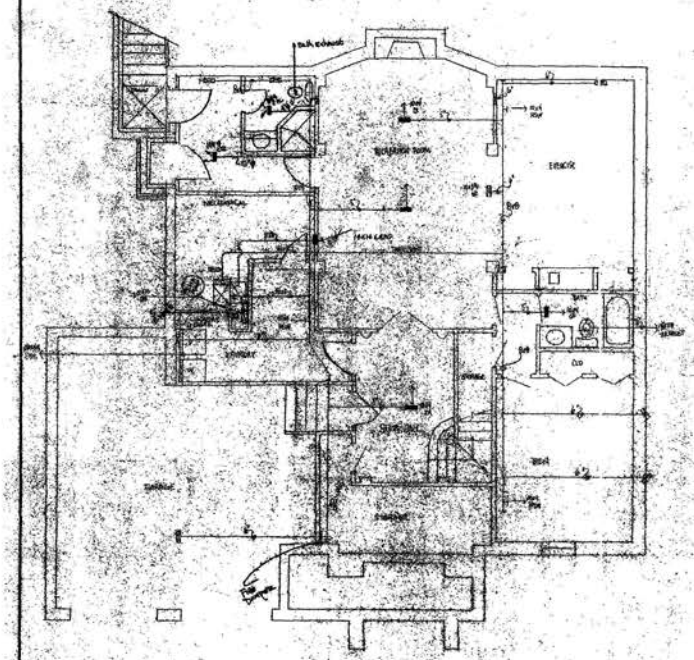
NOTE: ALL WATER PIPING SHALL BE ½" UNLESS NOTED OTHERWISE.

WATER RISER DIAGRAM
NTS

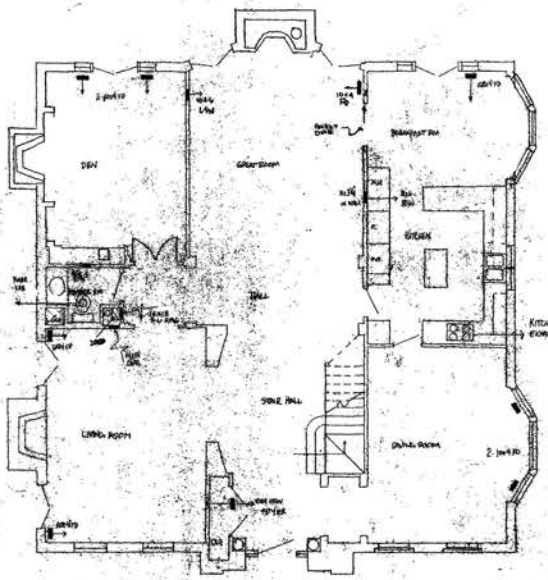
A NEW SINGLE FAMILY RESIDENCE
SQUARE 1340 LOT 35
44TH STREET NW, WASHINGTON, DC

PROJECT NO.9703
DATE: 10/20/97

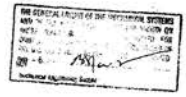
P-3



BASEMENT PLAN



FIRST FLOOR PLAN



ZONE	#2		#1 & #3	
	HEAT LOSS		HEAT GAIN	
	BTUH	CFM	BTUH	CFM
BEDROOM	1023	24	0	0
RECEPTION	841	24	0	0
FAMILY	1086	33	0	0
OFFICE	921	13	0	0
DEN (BASEMENT)	1530	42	2000	80
BASE / KITCHEN	1580	42	2080	84
LAUNDRY	578	10	256	6
LIVING ROOM	7752	218	4028	220
FOYER	2316	64	870	17
DINING ROOM	5705	173	304	152
KITCHEN	11697	56	1685	80
BREAKFAST	1579	39	161	8
GREAT ROOM	5241	144	4478	220
DEN	4491	123	3043	149
HALLWAYS	210	6	84	4
COAT / HALL	0	0	0	0
REQUIRED	36401	1000	24000	1000
LATENT	0	0	201	0
TOTALS	36401	1000	24201	1000

EQUIPMENT CARRIER AIR CONDITIONING

FURNACE / HEATER	59SE1E	INPUT 60,000 BTUH
	58TP060A14	OUTPUT 47,000 BTUH
AIR CONDITIONER HEAT PUMP	38CKB042-3	RUN 24,000 BTUH
	50HDB042	TONN 24,000 BTUH
		EER 10.0
BEER 58 KD		SEER 12.0

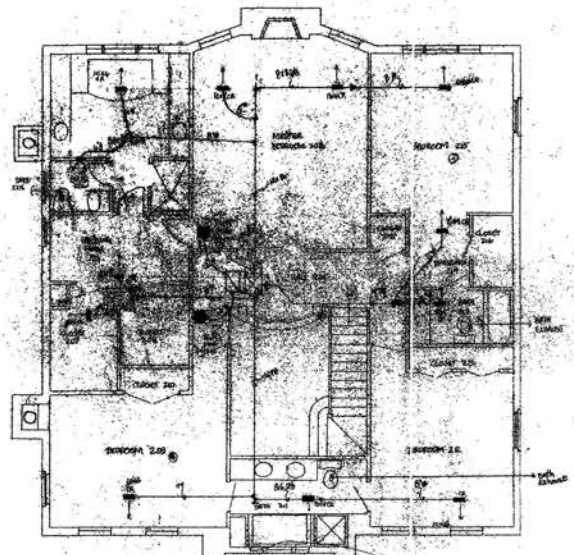
ZONE #1 - BASE & 1ST FLOOR

adco AIR DISTRIBUTING CO., INC.
HEATING & AIR CONDITIONING CONTRACTORS
MANASSAS, VIRGINIA
PHONE: 369-8106 (local)

NOTES

THIS IS TO CERTIFY THAT THESE PLANS ARE DESIGNED AND DRAWN IN ACCORDANCE WITH F.H.A. AND V.A. MINIMUM PROPERTY STANDARDS AND WITH ALL LOCAL REQUIREMENTS.

BUILDER	LIPNICK CONSTRUCTION
PROJECT LOCATION	SQUARE 1340 LOT 35 44th St NW WASH. D.C.
HOUSE TYPE	FLOOR PLAN of BASEMENT



SECOND FLOOR PLAN

ZONE 2nd F.	HEAT LOSS BTUH	CFM	HEAT GAIN BTUH	CFM
Room 1	7074	142	7,041	282
Bath	2200	44	1,131	67
Room 2	4004	80	2,244	128
Room 2 Pass.	867	17	462	26
Room 3	5283	106	2,863	164
Master Room	3672	73	2,028	117
Master Bath	4433	89	2,429	139
Master Pass.	575	12	174	10
Skylight	2540	51	1,584	91
Latent	0		3,900	
Totals	25848	520	74,505	4,200

Zone "2" Second Floor

EQUIPMENT - CARRIER AIR CONDITIONING

FURNACE / HEATER	MODEL	
	CAPACITY	BTUH
AIR CONDITIONER	MODEL	
	CAPACITY	BTUH
HEAT PUMP	MODEL	
	CAPACITY	BTUH
SEER	COP	AFUE

adco AIR DISTRIBUTING CO., INC.
HEATING & AIR CONDITIONING CONTRACTORS
MANASSAS, VIRGINIA
PHONE 368-8106 (local) [redacted]

NOTES

THIS IS TO CERTIFY THAT THESE PLANS ARE DESIGNED AND DRAWN IN ACCORDANCE WITH F.H.A. AND V.A. MINIMUM PROPERTY STANDARDS AND WITH ALL LOCAL REQUIREMENTS.

BUILDER	LIPNICK CONSTRUCTION
PROJECT LOCATION	Square 1340 Lot 35 14th Street Blvd - Wash, D.C.
HOUSE TYPE	Two Story w/Basement