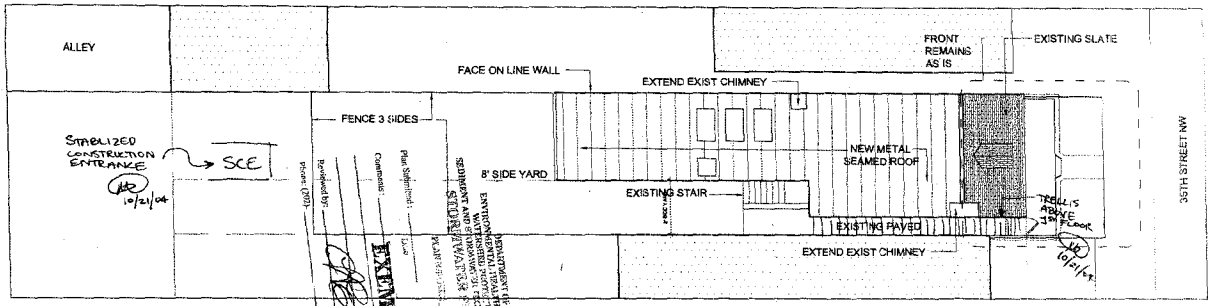
ADDITION & RENOVATION TO
1812 35th STREET NW WASHINGTON, D.C.



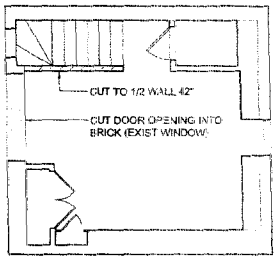
A SITE PLAN - PROPOSED
SCALE : 1/8" = 1'-0"

1812 35TH STREET NW
LOT 27 SQUARE S1296

RESIDENCIAL DISTRICT	R3
LOT SIZE	2400 SF
EXISTING HOUSE FOOTPRINT	637 SF
EXISTING LOT OCCUPANCY	26.5%
PROPOSED HOUSE FOOTPRINT	967 SF
PROPOSED LOT OCCUPANCY	40.0%
HEIGHT OF HOUSE	24'-4"
PROPOSED HGT OF HOUSE	35'-0"

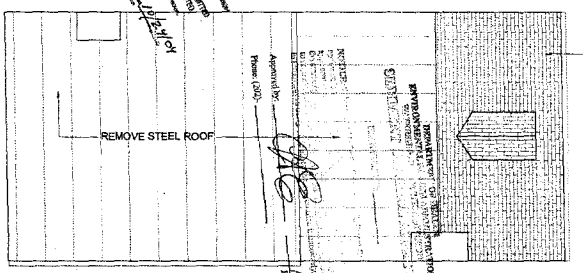
LIST OF DRAWINGS

A-1	ARCHITECTURAL PLANS
A-2	EXTERIOR ELEVATIONS
A-3	LONGITUDINAL SECTION
A-4	TRANSVERSE SECTIONS
A-5	SCHEDULES / DETAILS
S-1	STRUCTURAL PLANS
S-2	STRUCT. NOTES & DETAILS
S-3	STRUCTURAL DETAILS
M-1	MECHANICAL
P-1	PLUMBING
E-1/E-2	ELECTRICAL
EC-1	EROSION CONTROL

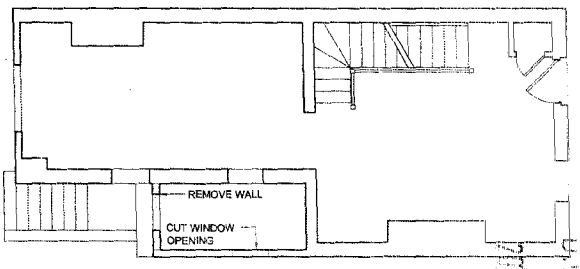


C 2ND FLOOR DEMOLITION PLAN
SCALE : 1/4" = 1'-0"

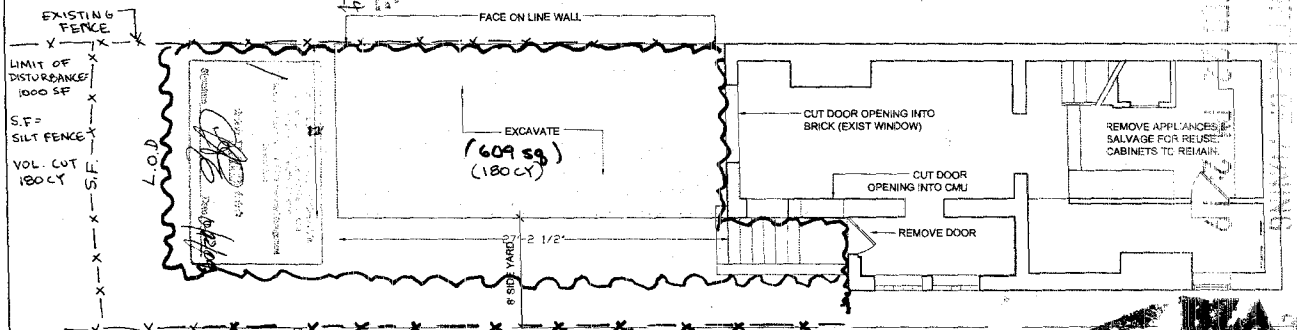
DEMOLITION PLANS



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

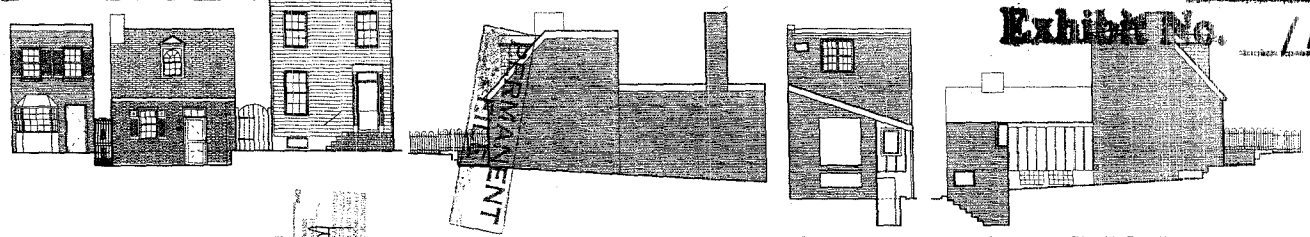


D 1ST FLOOR DEMOLITION PLAN
SCALE : 1/4" = 1'-0"



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

EROSION CONTROL NOTES



F EXISTING FRONT ELEV W/ NEIGHBORS
SCALE : 1/8" = 1'-0"

G EXISTING RIGHT SIDE ELEV
SCALE : 1/8" = 1'-0"

H X REAR
1/8" = 1'-0"

J EXISTING LEFT SIDE ELEV
SCALE : 1/8" = 1'-0"

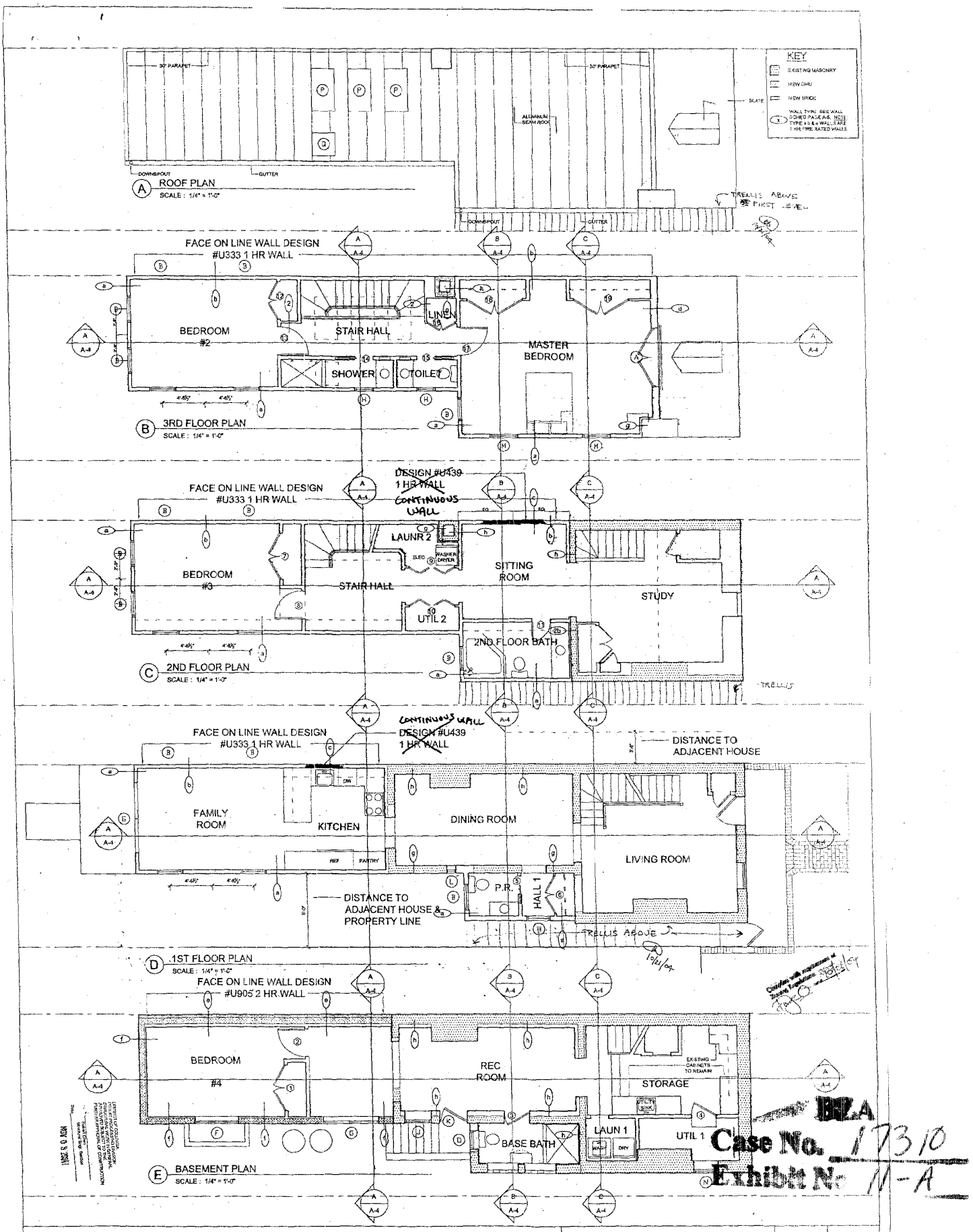
BZA
Case No. 17310
Exhibit No. 11

1812 35th STREET NW WASHINGTON, D.C.
PARTNERSHIP OF 1812

COVER SHEET
DEMOLITION / EXISTING

CS

Board of Zoning Adjustment
District of Columbia
CASE NO. 17310
EXHIBIT NO. 11

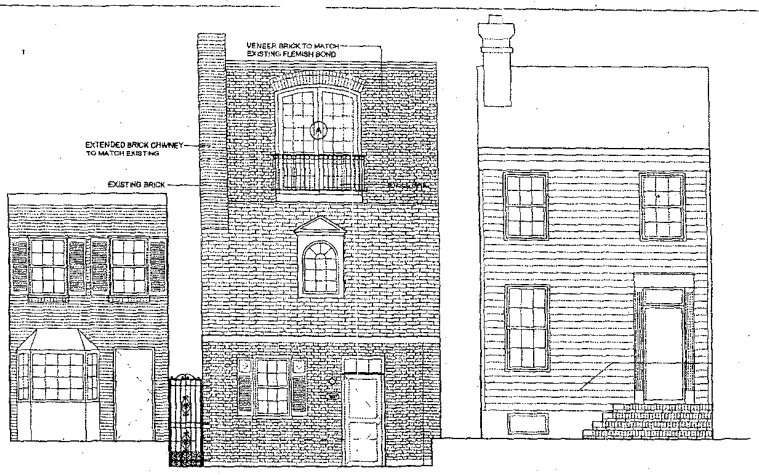


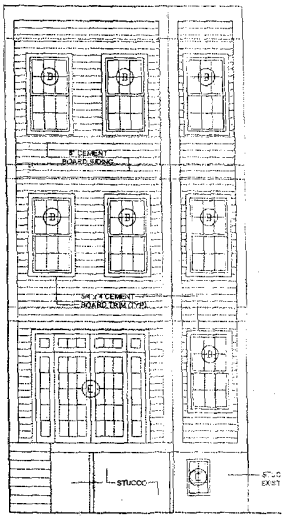
BZA
Case No. 17310
Exhibit No. 11-A

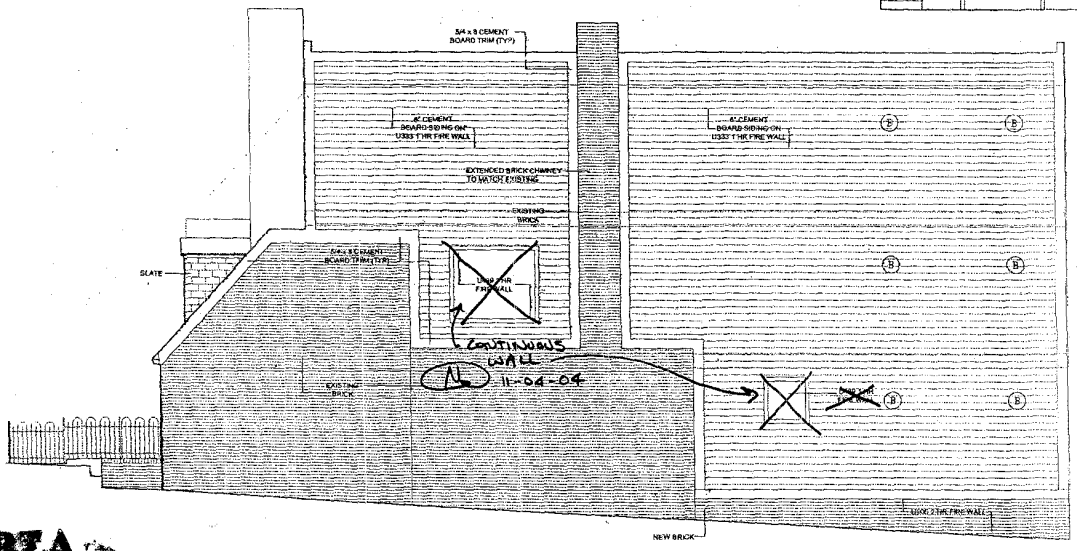
RENOVATION & ADDITION TO
1812 35TH STREET NW

FLOOR & ROOF PLANS

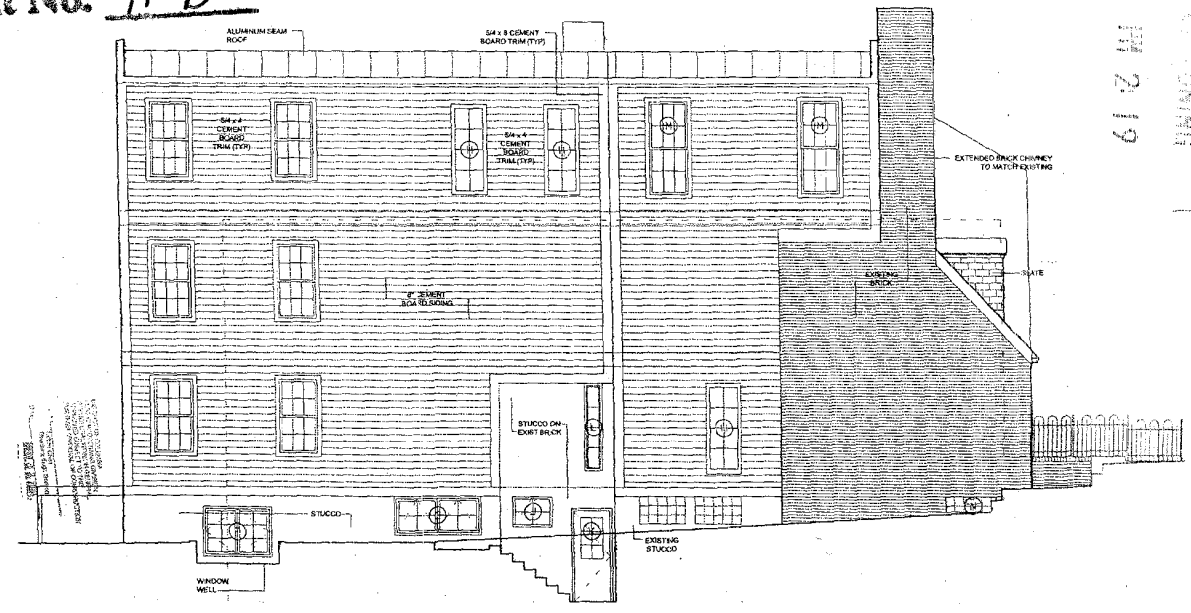
A-1







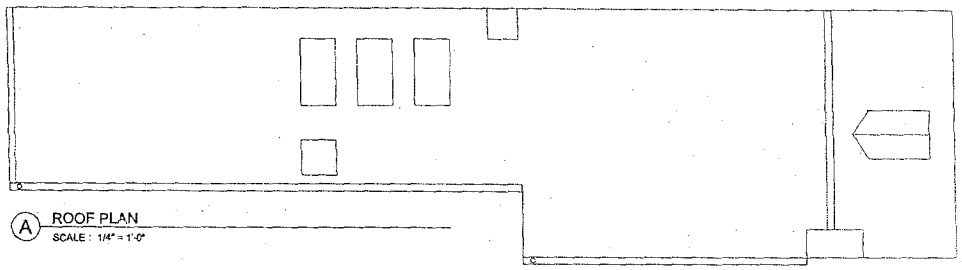
BZA
Case No. 17310
Exhibit No. 11-B



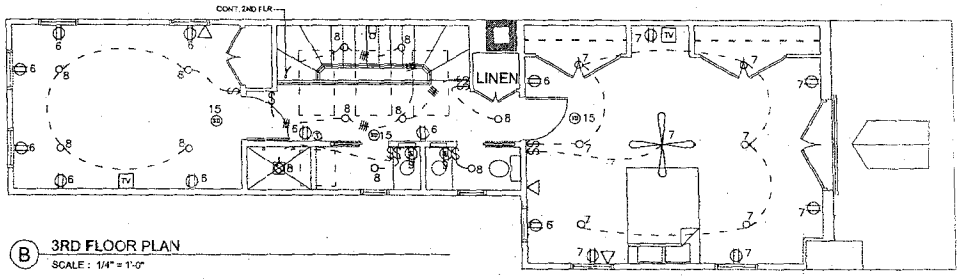
RENOVATION & ADDITION TO
1812 35TH STREET NW

EXTERIOR ELEVATIONS

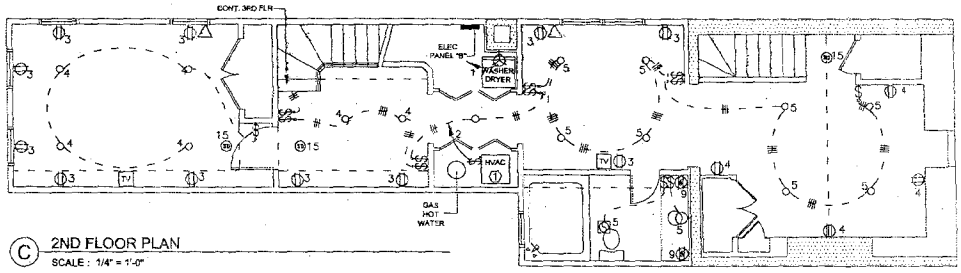
A-2



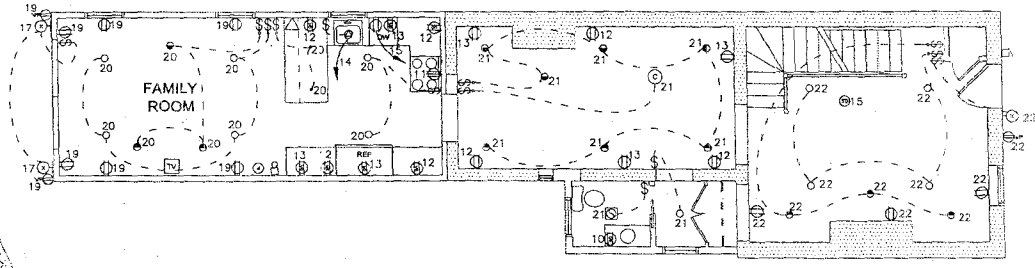
A ROOF PLAN
SCALE : 1/4" = 1'-0"



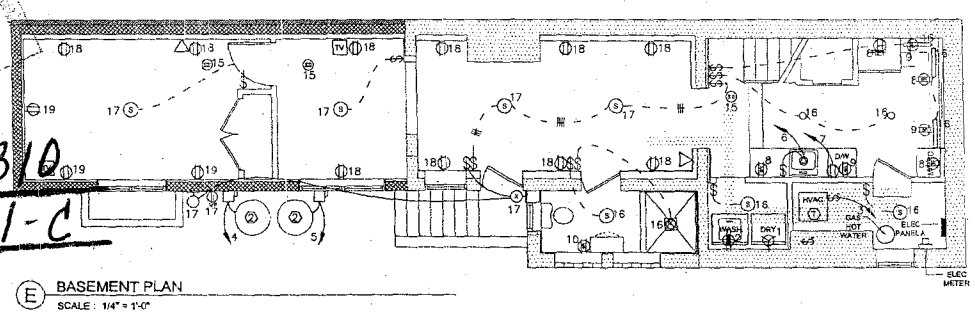
B 3RD FLOOR PLAN
SCALE : 1/4" = 1'-0"



C 2ND FLOOR PLAN
SCALE : 1/4" = 1'-0"



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



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

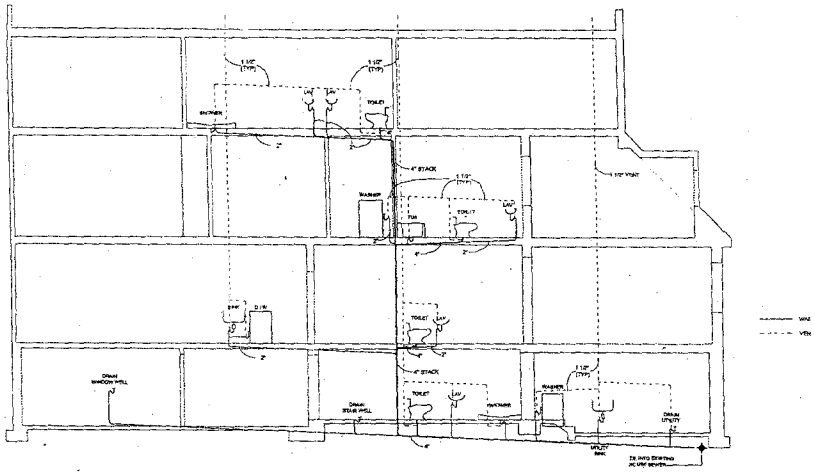
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GENERAL ZONING

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Case No. 17310
Exhibit No. 11-C

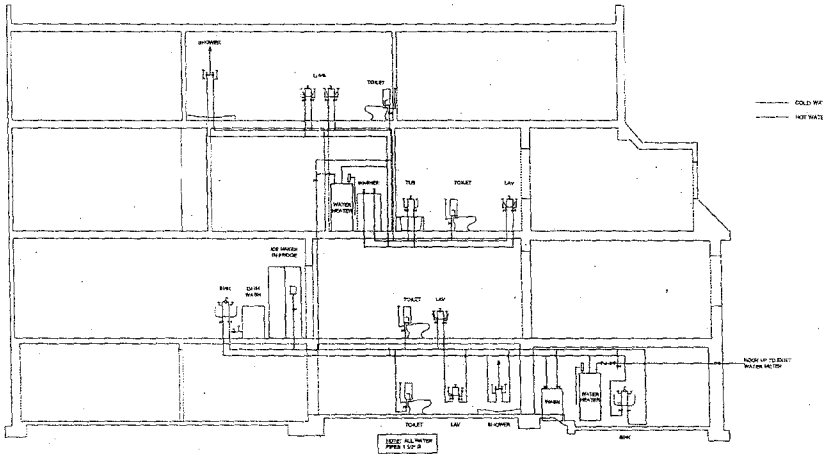
RENOVATION & ADDITION TO
1812 35TH STREET NW

ELECTRICAL FLOOR PLANS

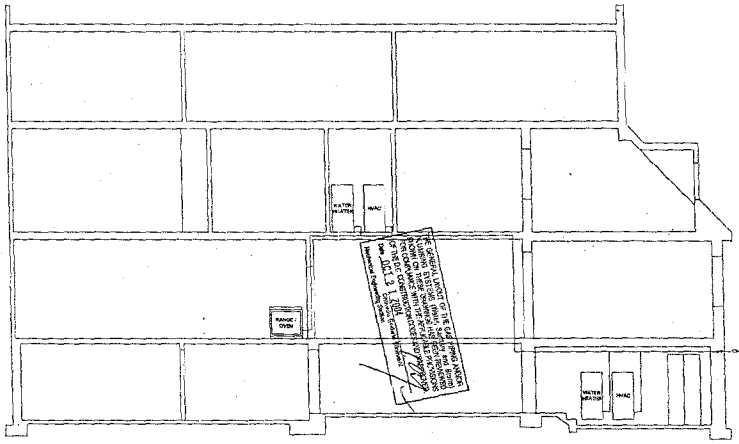
E-1



A SOIL, WASTE & VENTING PIPING DIAGRAM
SCALE : 3/16" = 1'-0"



B WATER SUPPLY PIPING DIAGRAM
SCALE : 3/16" = 1'-0"



C GAS RISER DIAGRAM
SCALE : 3/16" = 1'-0"

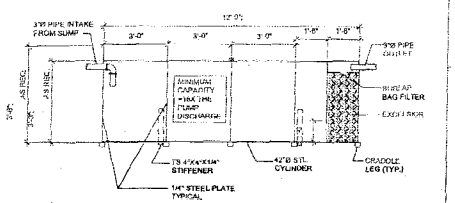
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D.C. OFFICE OF ZONING

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Case No. 17310
Exhibit No. 11-D

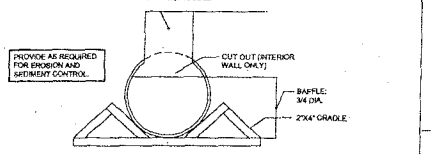
RENOVATION & ADDITION TO
1812 35TH STREET NW

PLUMBING PLANS

P-1



SECTION
NOT TO SCALE



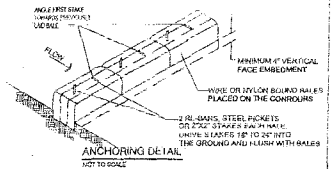
DETAIL
NOT TO SCALE

NOTES:

1. AT CONTRACTOR OPTION PROVIDE SEDIMENT TANK THROUGH WHICH SEDIMENT LADEN WATER IS PUMPED, TO TRAP AND RETAIN THE SEDIMENT PRIOR TO PUMPING THE WATER DRAINWAYS OR RIGHT-OF-WAY.
2. LOCATE TANK FOR EASE OF CLEANOUT.
3. TANK SIZE (IN CUBIC FEET OF STORAGE) SHALL BE MINIMUM 16 TIMES THE PUMP DISCHARGE (IN GALLONS PER MINUTES)
4. CLEAN OUT SEDIMENT TANK OF ALL SILT AND DEBRIS WHEN ONE-THIRD FILLED WITH SILT. (MAINTAIN 67% CAPACITY AT ALL TIMES)
5. TANK SHALL BE COMPOSED OF 55 GALLON STEEL DRUMS OR OTHER APPROVED EQUAL COMPONENTS.
6. ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING SYSTEM OR AS APPROVED BY THE INSPECTOR.

PORTABLE SEDIMENT TANK DETAILS AND NOTES
NOT TO SCALE

	WORK, NEW WORK (INCLUDING DEMOLITION)
—SS— —ST—	CLEAN OUT & VIDEO ANALYSIS ONLY
ETR	EXISTING TO REMAIN
TBR	TO BE REMOVED/ RELOCATED
EL.	ELEVATION
CLF	CHAIN-LINK-FENCE
A–2 / B–3	EARTH DIKE
SBD	STRAW BALE DIKE
SF	TEMPORARY SILT FENCE
A–2 / B–3	TEMPORARY SWALE
SCE	STABILIZED CONSTRUCTION ENTRANCE
GSS–2 / FSD–12	GRADE STABILIZATION STRUCTURE
PSD–3 / PSD–12	PIPE SLOPE DRAIN
	PERIMETER DIKE / SWALE
E13	INLET PROTECTION
	DIVERSION
— 79 —	EXISTING CONTOUR (EL. 79.00)
	CHAIN FENCE SEE GENERAL NOTE NO. 13 THIS SHEET
	DROP INLET
	PROPERTY LINE

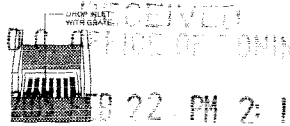


ANCHORING DETAIL
NOT TO SCALE

NOTES

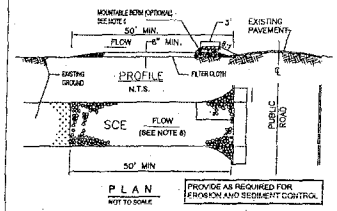
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND PLACE IN A ROW WITH ENDS TIGHTLY ABUTTING ADJACENT BALES
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4", AND PLACED SO THAT THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR STEEL RE-BARS STEEL RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARDS PREVIOUSLY LAID BALE TO TO FORCE BALES TOGETHER
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THE AREA IS RESTORED AND BALES HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DIKE DETAILS AND NOTES
NOT TO SCALE



SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

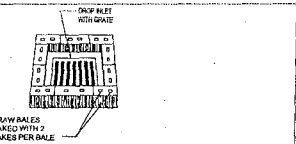
BURLAP DROP INLET SEDIMENT FILTER
NOT TO SCALE



NOTES

1. STONE SIZE - USE 2" STONES OR RECLAIMED AND/OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FEET MINIMUM IS REQUIRED
3. THICKNESS NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TEN (10) FOOT MIN. BUT NOT LESS THAN THE FULL WIDTH AT THE POINT WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARDS CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH SILL SLOPES WILL BE PERMITTED
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-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 AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE SEE DETAIL 3 THIS SHEET.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
10. REMOVE ALL MATERIAL & RESTORE AREA AT THE COMPLETION OF WORK.

STABILIZED CONSTRUCTION ENTRANCE DETAILS AND NOTES
NOT TO SCALE



SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

STAW BALE DROP INLET SEDIMENT FILTER
NOT TO SCALE

STANDARD AND SPECIFICATIONS FOR VEHICLE WASH AREA

DEFINITION

AN ON-SITE AREA WHERE TIRES AND UNDER CARRIAGE OF A VEHICLE CAN BE WASHED

PURPOSE

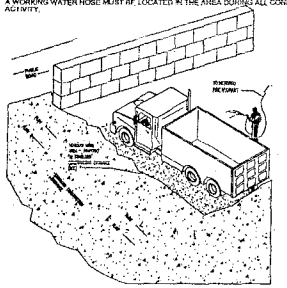
THE "VEHICLE WASH AREA" IS PROVIDED TO MINIMIZE THE QUALITY OF SEDIMENT DEPOSITED ON PUBLIC SPACE BY VEHICLES LEAVING THE SITE.

CONDITIONS WHERE PRACTICE APPLIES

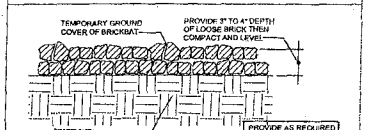
THE "VEHICLE WASH AREA" WILL BE REQUIRED ON ANY SITE WHERE VEHICLE CAN ENTER ONTO UNIMPROVED SURFACES.

DESIGN CRITERIA

THE VEHICLE WASH AREA SHALL BE PROVIDED ON-SITE AND DRAINED UNDER THE AREA MAY BE CONSTRUCTED OF RUBBLE, OR OTHER HARD POROUS MATERIAL. A WORKING WATER HOSE MUST BE LOCATED IN THE AREA DURING ALL CONSTRUCTION ACTIVITY.



VEHICLE WASH AREA
NOT TO SCALE



NOTES:

DEFINITION

TEMPORARY GROUND COVER CONSISTING OF BROKEN BRICK (2" DIAMETER OR SMALLER) PLACED OVER DENUDED EARTH

PURPOSE

BRICKBATS PROVIDE A TEMPORARY GROUND COVER OVER DENUDED URBAN EARTH TO PREVENT THE TRANSPOTATION OF SEDIMENT FROM THE SITE

CONDITIONS WHERE PRACTICE APPLIES

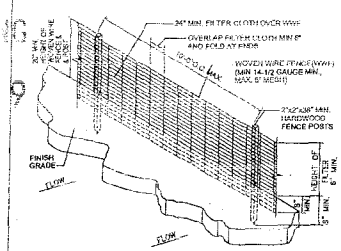
BRICKBATS MAY BE USED ON ANY SITE IN NEED OF TEMPORARY GROUND COVER

DESIGN CRITERIA

THE BRICKBAT SHALL BE PLACED TO A DEPTH OF 3 INCHES TO 4 INCHES COVERING THE DENUDED EARTH ON THE SITE, THEN COMPACTED AND LEVELED

TEMPORARY GROUND COVER DETAILS AND NOTES
NOT TO SCALE

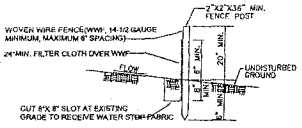
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ISOMETRIC VIEW
NOT TO SCALE

POST: 2"x2" HARDWOOD OR STEEL (T OR CHANNEL SECTION)
FENCE: WOVEN WIRE, FABRIC, MIN. 14-1/2 GAUGE, 6" MESH OPENING
FILTER CLOTH: FILTER X MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL



SECTION
NOT TO SCALE

NOTES

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIES OR STAPLES
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MIDDLE.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY MIN. SIX INCHES AND FOLDED,
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE..
5. REMOVE ALL MATERIALS AND RESTORE AREA AT THE COMPLETION OF WORK.

SILT FENCE DETAILS AND NOTES
NOT TO SCALE

SILTATION AND EROSION CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION, DEMOLITION, REMOVAL AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON SITE INSPECTION INDICATES FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THEY SHALL BE PROVIDED AT NO ADDITIONAL COST
2. ALL DEBRIS AND SILT IS TO BE REMOVED FROM SITE ON A DAILY BASIS AND/OR SECURED IN A LOCKABLE DUMPSTER
3. ALLEYS AND/OR SIDEWALKS AND/OR STREETS SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION OR DEMOLITION.
4. ALL CATCH BASINS, AREA DRAINS, GUTTERS, YARD DRAINS AND OTHER INLETS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION OR DEMOLITION.
5. IF ANY CATCH BASIN, AREA DRAIN, GUTTER, YARD DRAIN OR OTHER INLET BECOMES CLOGGED AS A RESULT OF EXCAVATION DEMOLITION, AND/OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING AND SHALL CLEAN IT PROMPTLY AT NO ADDITIONAL COST.
6. SEDIMENT TRAP / SEDIMENT TANK SHALL BE CLEANED AT ALL TIMES TO AVOID BEING FILLED OVER 1/3 CAPACITY WITH SILT AND/OR DEBRIS.
7. ANY STOCKPILING, REGARDLESS OF LOCATION ON SITE SHALL BE STABILIZED AND COVERED WITH MIN. 10mil PLASTIC OR 10oz CANVAS AT THE END OF THE SITE IS ESTABLISHED AND FOR THE DURATION OF THE PROJECT.
8. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH GROUND COVER SUCH AS PERMANENT SEEDING AND/OR SOD, PAVING, BRICKBAT ETC. AFTER FINAL GRADING AND BEFORE SEDIMENT CONTROL DEVICES ARE REMOVED.
9. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PUMPING AS REQUIRED TO KEEP ALL TRENCHES FREE OF WATER, FOR THE DURATION OF THE CONSTRUCTION.
10. CONTRACTOR SHALL NOTIFY THE FLOODING AND EROSION CONTROL SECTION AT LEAST 24 HOURS BEFORE THE START OF GRADING OR OTHER EXTERIOR SITE ACTIVITIES AND WITHIN TWO WEEKS OF COMPLETION OF PROJECT.

SEQUENCE OF CONSTRUCTION FOR SEDIMENT CONTROL

1. PRIOR TO START OF WORK NOTIFY APPROPRIATE D.C. GOVERNMENT AGENCIES, APPLICABLE UTILITY COMPANIES AND MISS UTILITY.
2. 24 HOURS BEFORE THE START OF GRADING AND/OR ANY OTHER EXTERIOR SITE ACTIVITIES CONTRACTOR SHALL NOTIFY THE FLOODING AND EROSION CONTROL SECTION OF THE DISTRICT OF COLUMBIA GOVERNMENT.
3. BEFORE START OF ANY EXCAVATION OR ANY OTHER EXTERIOR SITE ACTIVITIES ALL SEDIMENTS & EROSION CONTROL MEASURES SHALL BE INSTALLED.
4. REMOVE ALL TRASH, DEBRIS, AND OTHER WASTE MATERIAL FROM THE PERIMETER OF THE SITE. BROOM CLEAN AND DOCUMENT CONDITIONS.
5. INSTALL STABILIZED CONSTRUCTION ENTRANCE & VEHICLE WASH AREA AS INDICATED ON PLANS C-1, C-1.2 & C-3.
6. PROTECT ALL EXISTING TRENCH DRAINS, CATCH BASINS, GUTTERS AND YARD DRAINING INLETS AT ALL TIMES.
7. INSTALL TEMPORARY SILT FENCE AND STRAW BALE DIKES, AS INDICATED ON DRAWINGS C-1, C-1.2 AND C-3.
8. PRIOR TO REMOVAL AND/OR DIKING OF ANY COMPONENT OF THE EXISTING DRAINAGE SYSTEM, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PUMPING TO KEEP THE TRENCH FREE OF WATER FOR THE DURATION OF THE CONSTRUCTION.
9. AT CONTRACTOR'S OPTION TEMPORARY GROUND COVER OF BRICK BATS SHALL BE PROVIDED.
10. CLEAN OUT AND PROVIDE VIDEO ANALYSIS TO ALL EXISTING SANITARY AND STORM DRAINAGE SYSTEMS THROUGHOUT THE SITE TO THE MAIN LINES IN THE STREETS.
11. CONTINUALLY MAINTAIN SEDIMENT CONTROL STRUCTURES

1 EROSION CONTROL SITE PLAN
SCALE: 1" = 20'-0"

BZA
Case No. 17370
Exhibit No. 11-E

EC-1
EROSION CONTROL & NOTES

RENOVATION & ADDITION TO
1812 35TH STREET NW

PANEL "A": 200 AMP MCB 120/240V 1Ø 3W SURFACE MOUNTED					
CKT. NO.	DESCRIPTION	CIRCUIT BREAKER POLES	TRIP	FRAME	WIRING AND CONDUIT
1	DRYER	2	30	100	#10/2 TYPE AC CABLE
2	LAUNDRY	1	20	100	#12/2 TYPE AC CABLE
3	AIR HANDLING UNIT	1	15	100	#14/2 TYPE AC CABLE
4,5	CONDENSING UNIT *	2	30	100	#10/2 TYPE AC CABLE
6,14	DISPOSAL	1	15	100	#14/2 TYPE AC CABLE
7,15	DISHWASHER	1	15	100	#14/2 TYPE AC CABLE
8,9	RECEPTACLES	1	20	100	#12/2 TYPE AC CABLE
10	BATHROOM RECEPTACLES	1	20	100	#12/2 TYPE AC CABLE
11	RANGE	2	50	100	#6/3 TYPE AC CABLE
12,13	SMALL APPLIANCES	1	20	100	#12/2 TYPE AC CABLE
14	SUBPANEL "B"	2	100	100	#1/3 TYPE MC CABLE
15	SMOKE DETECTORS	1	15	100	#14/2 TYPE AC CABLE
16–22	GENERAL LIGHTING	1	15	100	#14/2 TYPE AC CABLE
23–36	SPACES ONLY	1	--	100	

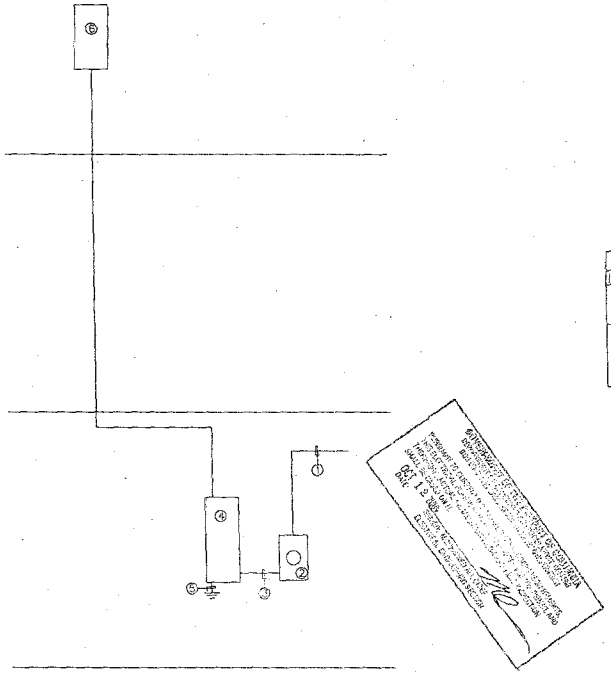
* PROVIDE HACR RATED CIRCUIT BREAKERS

PANEL "B": 100 AMP MLO 120/240V 1Ø 3W SURFACE MOUNTED					
CKT. NO.	DESCRIPTION	CIRCUIT BREAKER POLES	TRIP	FRAME	WIRING AND CONDUIT
1	WASHER/DRYER	2	30	100	#10/3 TYPE AC CABLE
2	AIR HANDLING UNIT	1	15	100	#14/2 TYPE AC CABLE
3–8	GENERAL LIGHTING	1	15	100	#14/2 TYPE AC CABLE
9	BATHROOM RECEPTACLES	1	20	100	#12/2 TYPE AC CABLE
10–29	SPACES ONLY	1	--	100	

ELECTRICAL / LIGHT FIXTURE LEGEND

- RECESSED LAMP INCANDESCENT CAN
- WALL WASHER - RECESSED LAMP INCANDESCENT CAN
- RECESSED PIN LAMP
- SURFACE MOUNTED CEILING LAMP
- CHANDELIER
- 2' UNDER COUNTER FLOURESCENT LIGHT
- SURFACE MOUNTED SCONCE
- EXTERIOR SURFACE MOUNTED SCONCE
- CEILING FAN
- DUPLEX RECEPTACLE 125V 15 AMP +18 AFF UON
- DUPLEX RECEPTACLE 125V 20 AMP +36 AFF
- SINGLE RECEPTACLE 125/250V 30 AMP +36 AFF
- SINGLE RECEPTACLE 125/250V 50 AMP +36 AFF
- DUPLEX RECEPTACLE WITH BUILT-IN GROUND FAULT PROTECTION 125V 15 AMP +42" AFF UON
- DUPLEX RECEPTACLE 120V 15 AMP +24" AFF (ANY DIFFERENT HEIGHT FOR OUTLET)
- DUPLEX RECEPTACLE WITH BUILT-IN GROUND FAULT PROTECTION AND WEATHER PROOF COVER 125V 15 AMP +18" AFF
- DISCONNECT SWITCH - SIZE AS NOTED
- SMOKE DETECTOR
- THERMOSTAT
- T.V. CABLE OULET +18" AFF
- TELEPHONE OUTLET +18" AFF
- EXHAUST FAN (SILENT RUN) W/ LIGHT
- SINGLE POLE SWITCH 120V 15 AMP +48" AFF
- 3 WAY SWITCH 120V 15 AMP +48" AFF
- 4 WAY SWITCH 120V 15 AMP +48" AFF
- DIMMER SWITCH (SELECTED BY OWNER) +48" AFF
- MOTOR RATED SWITCH WITH THERMAL OVERLOAD
- GARBAGE DISPOSAL
- DOOR BELL
- DOOR BELL CHIME

NOTES:
1. SINGLE RECEPTACLES FOR DRYER AND RANGE IN BASEMENT AND FIRST LEVEL SHALL BE NEMA TYPES 10–30 AND 10–50 RESPECTIVELY.
2. SINGLE RECEPTACLE FOR DRYER IN SECOND LEVEL SHALL BE NEMA TYPE 14–30.



POWER RISER DIAGRAM
NOT TO SCALE

EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
①	GAS FIRED AIR HANDLING UNIT #1 & 2 – 120V 1ø FAN 1/2 HP PROVIDE MOTOR RATED SWITCH MOUNTED ADJACENT TO UNIT
②	CONDENSING UNIT #1 & 2 – 240V 1ø COMPRESSOR 15.0 RLA CONDENSER FAN 0.5 FLA PROVIDE 2P 30 AMP NEMA 3R DISCONNECT SWITCH MOUNTED ADJACENT TO UNIT

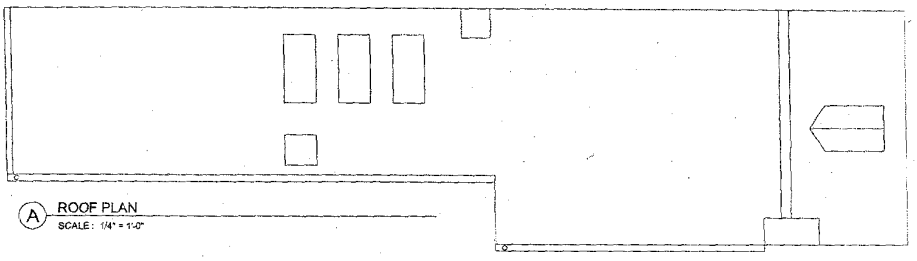
RISER SCHEDULE	
ITEM	DESCRIPTION
①	#2/0 COPPER OR #4/0 ALUMINUM SERVICE ENTRANCE CABLE IN ACCORDANCE WITH ALL APPLICABLE PEPCO REQUIREMENTS
②	200 AMP 120/240V 1ø 3W METER SOCKET
③	3 #2/0 THW/THHN IN 1–1/2" CONDUIT
④	200 AMP 120/240V 1ø 3W MCB PANEL "A" – SEE PANEL SCHEDULE PANEL SHALL BE LISTED AND LABELED FOR USE AS SERVICE EQUIPMENT
⑤	#4 COPPER TO 5/8"X10' GROUND ROD. BOND WITH #4 TO INCOMING WATER SERVICE.
⑥	100 AMP 120/240V 1ø 3W MLO SUBPANEL "B" – SEE PANEL SCHEDULE

BZA
Case No. 17310
Exhibit No. 11-F

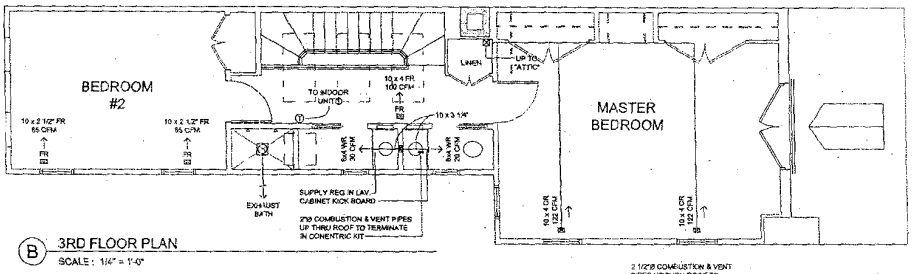
RENOVATION & ADDITION TO
1812 35TH STREET NW

ELECTRICAL SYMBOLS, SCHEDULES & RISER DIAGRAM

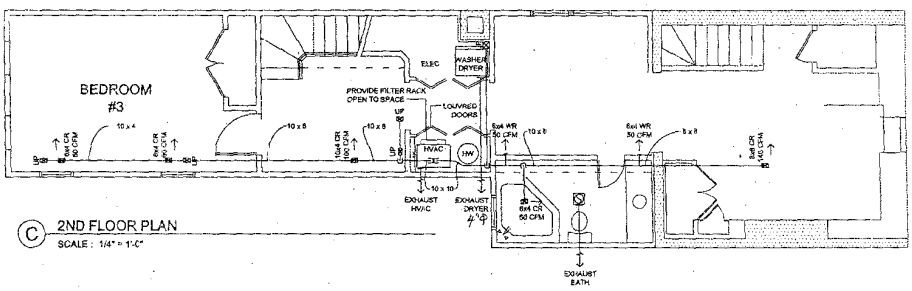
E-2



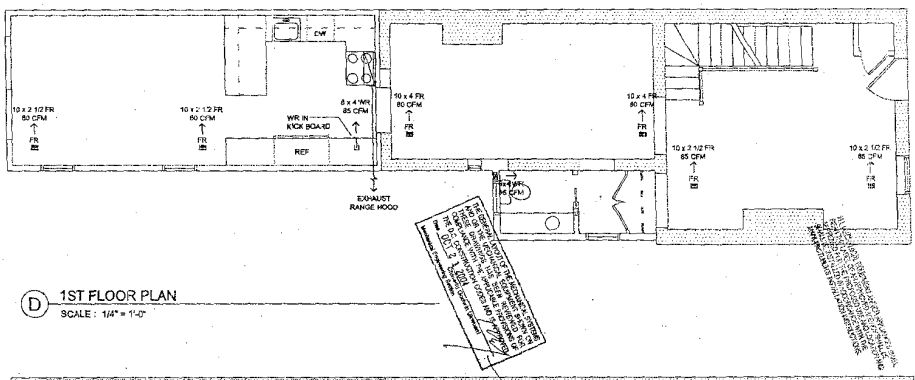
A ROOF PLAN
SCALE: 1/4" = 1'-0"



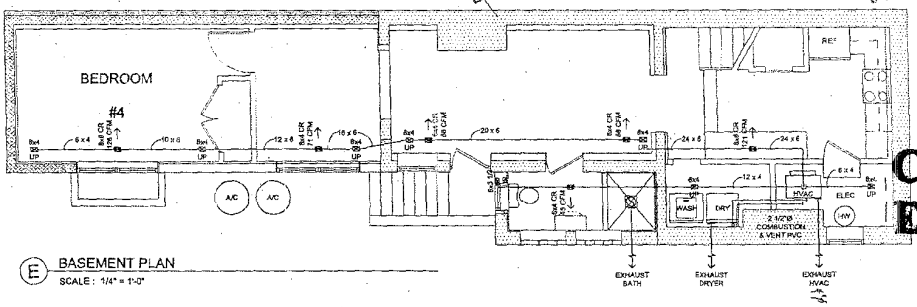
B 3RD FLOOR PLAN
SCALE: 1/4" = 1'-0"



C 2ND FLOOR PLAN
SCALE: 1/4" = 1'-0"



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



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

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DISTRICT OF COLUMBIA
BOARD OF ZONING ADJUSTMENT

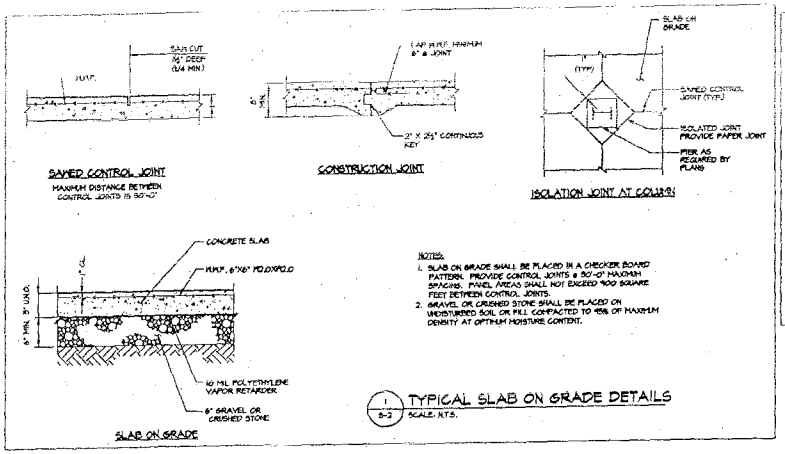
BZA
Case No. 17310
Exhibit No. 11-G

RENOVATION & ADDITION TO
1812 35TH STREET NW

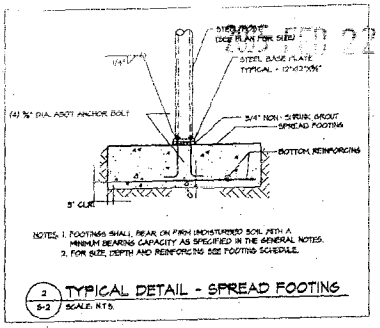
MECHANICAL PLANS

M-1

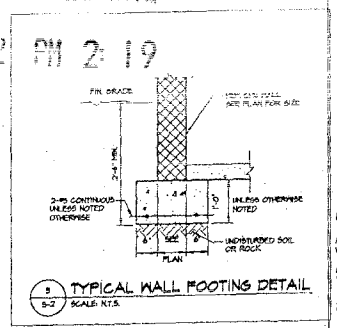
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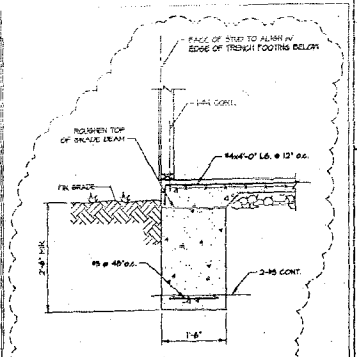
1 / S-2 TYPICAL SLAB ON GRADE DETAILS
SCALE: N.T.S.



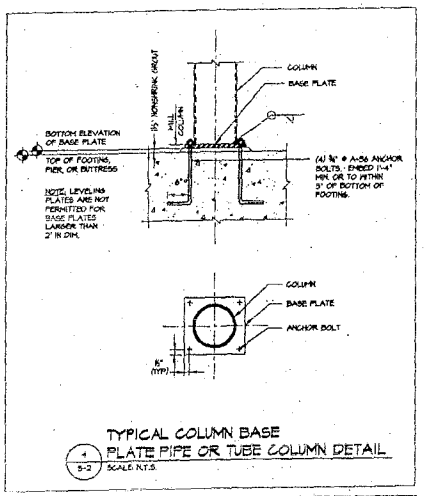
2 / S-2 TYPICAL DETAIL - SPREAD FOOTING
SCALE: N.T.S.



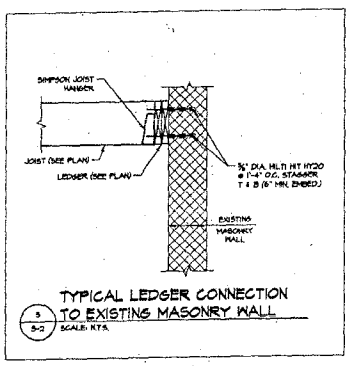
3 / S-2 TYPICAL WALL FOOTING DETAIL
SCALE: N.T.S.



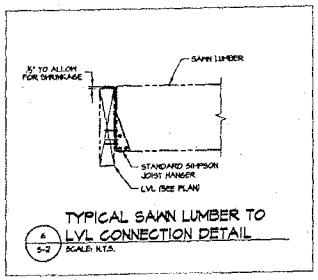
5A / S-2 FLUSH FACE WALL FOOTING
SCALE: N.T.S.



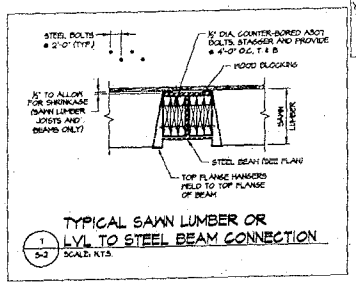
4 / S-2 TYPICAL COLUMN BASE PLATE PIPE OR TUBE COLUMN DETAIL
SCALE: N.T.S.



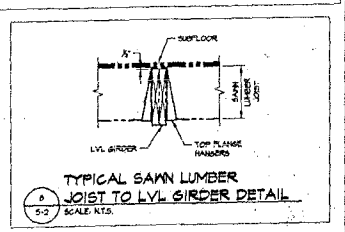
5 / S-2 TYPICAL LEDGER CONNECTION TO EXISTING MASONRY WALL
SCALE: N.T.S.



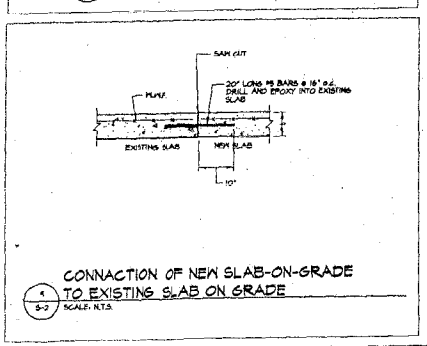
6 / S-2 TYPICAL SAWN LUMBER TO LVL CONNECTION DETAIL
SCALE: N.T.S.



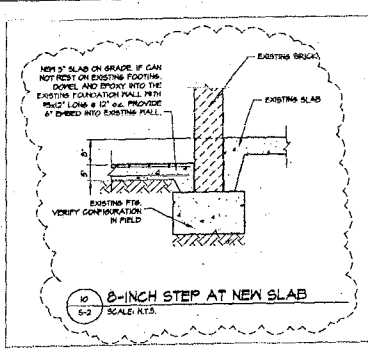
7 / S-3 TYPICAL SAWN LUMBER OR LVL TO STEEL BEAM CONNECTION
SCALE: N.T.S.



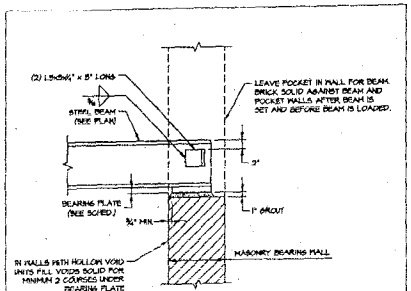
8 / S-2 TYPICAL SAWN LUMBER JOIST TO LVL GIRDER DETAIL
SCALE: N.T.S.



4 / S-2 CONNACTION OF NEW SLAB-ON-GRADE TO EXISTING SLAB ON GRADE
SCALE: N.T.S.



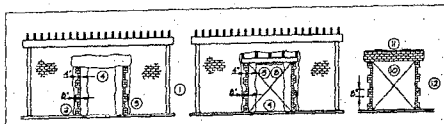
10 / S-2 8-INCH STEP AT NEW SLAB
SCALE: N.T.S.



BEARING PL SCHEDULE

MARK	LENGTH (⊥ TO BM.)	WIDTH (∥ TO BM.)	THICKNESS
BP-1	6"	10"	¾"
BP-2	6"	10"	¾"
-	-	-	-

11 / S-2 TYPICAL BEAM BEARING ON NEW MASONRY WALL
SCALE: N.T.S.



12 / S-2 LINTEL INSTALLATION SUGGESTED PROCEDURE
SCALE: N.T.S.

1. INSTALL TEMPORARY FLOOR SHORING AS NECESSARY USING ADJUSTABLE POSTS OR FRAMING ON EACH SIDE OF BEARING WALL IMMEDIATELY ABOVE NEW LINTEL.
2. REMOVE A FULL HEIGHT SECTION OF EXISTING MASONRY OPENING. THIS SECTION WILL BE APPROXIMATELY 2'-0" WIDE X FULL WALL THICKNESS. REBUILD JAMB IN MASONRY, FORMING A MINIMUM 8" SOLID JAMB, FULLY TOOTHED INTO THE EXISTING MASONRY. THE JAMB IS TO BEAR ON THE EXISTING WALL OR FOOTING BELOW.
3. REPEAT STEP 2 ON THE OPPOSITE JAMB.
4. REMOVE A HORIZONTAL BAND OF MASONRY APPROXIMATELY 16" HIGH BY ONE HALF THE WALL THICKNESS AT THE HEAD OF THE NEW OPENING.
5. INSTALL FIRST STEEL LINTEL AND TEMPORARY BLOCKING AT 2'-0" BETWEEN TOP FLANGE AND UNDERSIDE OF EXISTING MASONRY AS NECESSARY. DRYPACK BEARING ENDS OF BEAMS TO NEW JAMBS WITH NON-SHRINK GROUT.
6. REPEAT STEP 4 ON THE OPPOSITE FACE OF THE WALL.
7. INSTALL SECOND STEEL LINTEL WITH PIPE SPACERS, LOOSE BOLTS AND TEMPORARY BLOCKING SAME AS STEP 5 ABOVE.
8. BOLT BEAMS TOGETHER THROUGH PIPE SPACERS AT ENDS AND AT 2'-0" O.C. WITH ¾" DIA. ASB THREADED RODS.
9. DEMOLISH REMAINING MASONRY NECESSARY TO COMPLETE NEW OPENING.
10. INSTALL CONCRETE ENGAGEMENT.
11. REBUILD MASONRY ABOVE TOP FLANGE OF STEEL WITH BRICK AS NECESSARY, AND DRYPACK REMAINING GAPS.
12. ALLOW 12 HOURS FOR CURING, THEN REMOVE SHORING.

DISTRICT OF COLUMBIA
PERMIT PROCESSING DIVISION
PERMIT FINAL DESIGN IN REVIEW
STRUCTURE SUBJECT TO THE
PROVISIONS OF THE
FURTHER APPROVAL OF CONSTRUCTION
Vincent Gray
Director of Dep. Secretary
Date NOV 0 8 2019

BZA Case No. 17310 Exhibit No. 11-H

REVISED

CONSULTANTS:
ROBERT SILMAN ASSOCIATES, PLLC
STRUCTURAL ENGINEERS
1503 3rd STREET NW, WASHINGTON DC 20001
TELEPHONE (202) 783-1881 FAX (202) 393-2613

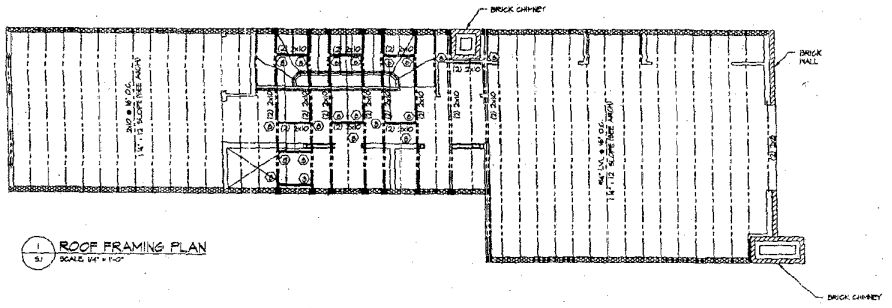
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ISSUED:
07/30/04

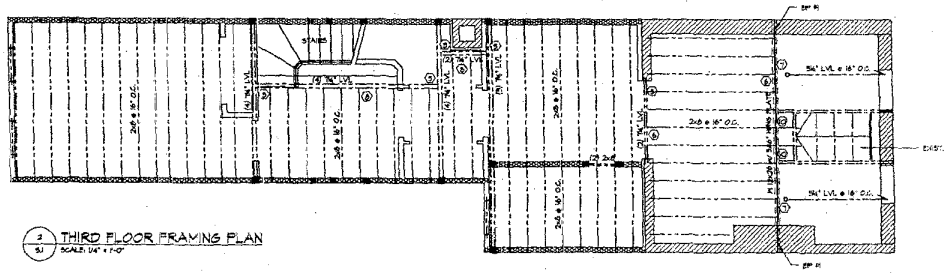
DAN RESIDENCE
1812 35TH STREET N.W.
WASHINGTON, DC

DRAWING:
GENERAL NOTES AND DETAIL PARAMETERS

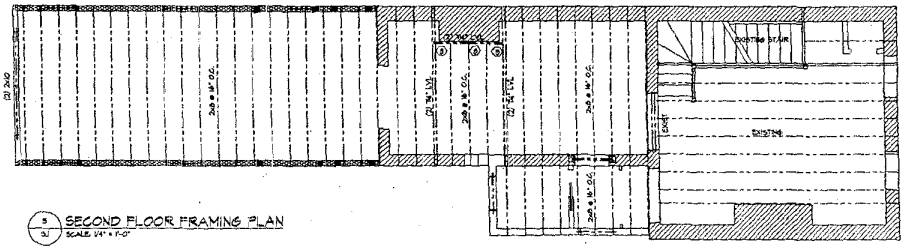
S-2



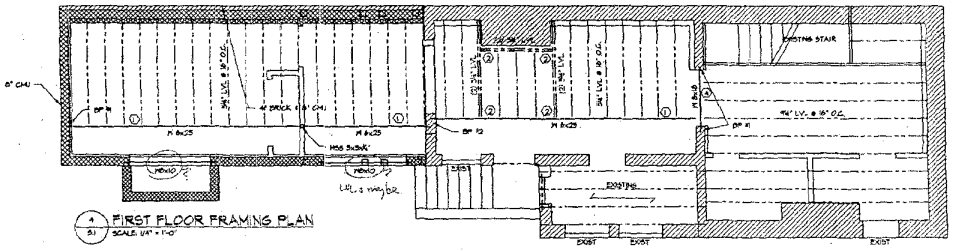
1/S1 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



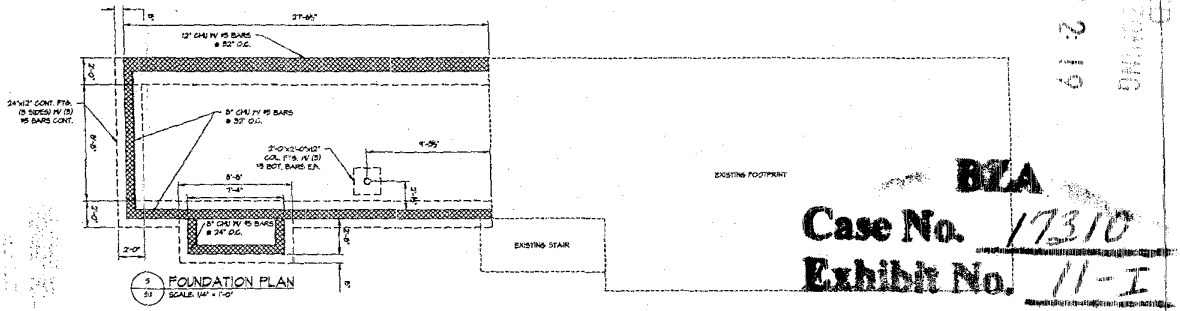
2/S1 THIRD FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



3/S1 SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



4/S1 FIRST FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



5/S1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

BZA
Case No. 17310
Exhibit No. 11-I

S1	DRAWING:	DAN RESIDENCE 1812 35TH STREET N.W. WASHINGTON, DC	ISSUED: 07/30/04	REVISED:	CONSULTANTS: ROBERT SILMAN ASSOCIATES, PLLC STRUCTURAL ENGINEERS 1653 31st STREET NW, WASHINGTON DC 20007 TELEPHONE (202) 333-6230 FAX (202) 210-3015	

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GENERAL

1. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING, BRACING, SHEETING AND MAKE SAFE ALL FLOORS, ROOFS, WALLS AND ADJACENT PROPERTY, AS PROJECT CONDITIONS REQUIRE. A PROFESSIONAL ENGINEER, LICENSED BY THE GOVERNING STATE IN WHICH THE PROJECT IS LOCATED AND HIRED BY THE CONTRACTOR, SHALL DESIGN ALL SHORING AND SHEETING AND SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE OWNER'S REVIEW.
2. ALL STRUCTURAL WORK SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND SHALL CONFORM TO THE PROJECT SPECIFICATIONS, INCLUDING THE INTERNATIONAL RESIDENTIAL CODE (LATEST EDITION) AS MODIFIED BY THE GOVERNING LOCALITY.
3. DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION SHOWN IN STRUCTURAL DRAWINGS ARE BASED ON INFORMATION CONTAINED IN VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER, AND LIMITED FIELD OBSERVATIONS AND MEASUREMENTS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO EXISTING CONDITIONS BY ACTUAL MEASUREMENT AND OBSERVATION AT THE SITE. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN IN THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT FOR HIS EVALUATION BEFORE THE AFFECTED CONSTRUCTION IS PUT IN PLACE.

FOUNDATIONS

1. FOOTINGS ARE DESIGNED TO BEAR ON UNDISTURBED SOIL HAVING A MINIMUM SAFE BEARING CAPACITY 2500 PSF PER SQUARE FOOT, LICENSED GEOTECHNICAL INSPECTION AGENCY SHALL CONFIRM IN FIELD PRIOR TO PLACING FOOTINGS.
2. FINISH ALL FOOTING EXCAVATIONS BY HAND. NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND. PROTECT FOOTINGS FROM FROST AFTER THEY ARE PLACED.
3. DO NOT PLACE FILL AGAINST FOUNDATION WALLS UNLESS ADEQUATELY BRACED BY COMPLETED FLOORS OR OTHER MEANS DEEMED APPROPRIATE BY THE ARCHITECT.
4. FILL AND BACKFILL MATERIAL - CLEAN FILL OF EARTH MATERIAL FREE OF DELETERIOUS ORGANIC MATERIALS.
5. ALL EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 2'-6" BELOW FINAL GRADE.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE (EXCEPT SLABS-ON-METAL DECK) SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
2. SLAB ON GRADE SHALL BE 5" CONCRETE REINFORCED WITH 6x6 (W.4xW.4 MW) ON 10 MIL. POLY. VAPOR BARRIER ON 6" CRUSHED STONE.
3. ALL FOUNDATION CONCRETE SHALL INCLUDE 5% AIR ENTRAINMENT, SUITABLE FOR MODERATE EXPOSURE.
4. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE DETAILED ACCORDING TO THE ACI MANUAL OF STANDARD PRACTICE (ACI 315), LATEST EDITION.
5. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185, WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
6. CONCRETE WORK SHALL BE DESIGNED, REINFORCED, PLACED AND CURED IN CONFORMANCE WITH THE LATEST EDITION OF ACI 301, "SPECIFICATIONS FOR CONCRETE FOR BUILDINGS", AND ALL RECOMMENDED PRACTICES CONTAINED THEREIN SHALL BE CONSIDERED A PART OF THIS PROJECT.
7. PROVIDE MINIMUM TEMPERATURE REINFORCEMENT, AS REQUIRED BY ACI-318, IN ALL SLABS AND WALLS WHERE REINFORCEMENT IS NOT INDICATED ON DRAWINGS.
8. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6".
9. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:

SLABS:	¾"
BEAMS, COLUMNS:	1½"
FOOTINGS:	3"
EXTERIOR WALLS:	2" FOR #6 OR LARGER, 1½" FOR #5 OR SMALLER
INTERIOR WALLS:	¾"

10. ALL GROUT SHALL BE NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.

CONCRETE MASONRY WORK

1. ALL CONCRETE MASONRY WORK SHALL CONFORM TO THE "NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS." (LATEST EDITION) AND THE MASONRY STANDARDS JOINT COMMITTEE SPECIFICATIONS (ACI 530) - LATEST EDITION).
2. CONCRETE BLOCK WORK SHALL BE OF LIGHTWEIGHT AGGREGATE AND CONFORM TO THE FOLLOWING STANDARDS:
   SOLID BLOCK: ASTM C40, GRADE N (f'm. 1900 PSI ON GROSS AREA)
   HOLLOW BLOCK: ASTM C40, GRADE N (f'm. 1900 PSI ON NET AREA)
3. COORDINATE BLOCK TYPES WITH STRUCTURAL AND ARCHITECTURAL DRAWINGS.
4. FILL ALL VOIDS SOLID IN PIERS AND DIRECTLY UNDER BEARING LOCATIONS AND ALL BELOW-GRADE FOUNDATION WALLS.
5. WHERE A WOOD POST OR PIPE COLUMN BEARS DIRECTLY ON A CONCRETE MASONRY WALL, FILL ALL BLOCKS SOLID WITHIN A 32" WIDTH, CENTERED ON THE POST OR PIPE COLUMN.
6. MORTAR SHALL BE ASTM C270, TYPE M FOR BELOW-GRADE AND TYPE M OR S FOR ABOVE GRADE WORK.
   HORIZONTAL REINFORCING: NO. 9 GAGE TRUSS-TYPE DUR-O-WALL OR EQUAL, SPACED @ 16" O.C. VERTICALLY AND ABOVE ALL LINTELS.
   VERTICAL REINFORCING: #4 SPACED @ 32" O.C. HORIZONTALLY AND AT THE EDGES OF ALL WALL OPENINGS, INTERSECTIONS AND CORNERS.
7. PROVIDE FABRICATED CORNER SECTIONS AT ALL CORNERS AND INTERSECTIONS.
8. ANY BLOCK DIMENSIONS INDICATED ON STRUCTURAL PLANS ARE NOMINAL DIMENSIONS.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING GOVERNING STANDARDS:
   A. AISC "SPECIFICATION FOR THE DESIGN FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," LATEST EDITION.
   B. THE AMERICAN WELDING SOCIETY (AWS D1.1) "CODE FOR WELDING IN BUILDING CONSTRUCTION," LATEST EDITION.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:
   A. ASTM A572 (Fy=50,000 PSI): STEEL, COLUMNS, BEAMS, AND BASE PLATES
      ASTM A36: MISCELLANEOUS STEEL SHAPES, PLATES, STIFFENERS, ETC.
      ASTM A500, GRADE B: STRUCTURAL STEEL TUBULAR SHAPES
      ASTM A-53, GRADE B: STRUCTURAL STEEL PIPE.
   B. BOLTED CONNECTIONS OF BEAMS OR GIRDERS ARE TO BE MADE WITH ASTM A325-SC BOLTS (⅞" DIA. MIN).
   C. ANCHOR BOLTS: ASTM A307.
3. STEEL CONNECTIONS SHALL BE STANDARD AISC FRAMED BEAM CONNECTIONS.
   A. FOR NON-COMPOSITE MEMBERS, PROVIDE CONNECTIONS BASED ON REACTION AS DETERMINED FROM AISC UNIFORM LOAD TABLE (U.N.O. ON PLANS.)
   B. FOR COMPOSITE MEMBERS, PROVIDE CONNECTIONS BASED ON 1.5 X REACTION FROM AISC UNIFORM LOAD TABLE. (U.N.O. ON PLANS.)
   C. REINFORCING IS TO BE PROVIDED AT CONNECTIONS WHERE CUTS REDUCE THE SHEAR OR MOMENT CAPACITY BELOW THAT REQUIRED TO SUSTAIN THE REACTION. FLANGES AND WEB ARE TO BE REINFORCED WHERE THE LOCAL CAPACITY TO SUSTAIN THE CONNECTION LOAD IS INADEQUATE.
   D. CONNECTIONS SHALL BE DESIGNED FOR SHEAR AND ECCENTRICITY, CONSIDERING THAT THE CONNECTION IS AN EXTENSION OF THE BEAM AND GIRDER.
   E. MOMENT CONNECTIONS SHALL BE TYPE 1 (FULL RIGIDITY), DESIGNED FOR THE CONNECTED ELEMENT'S YIELD MOMENT (Mp).
   F. EXISTING STEEL SHALL BE DRILLED TO RECEIVE STANDARD CONNECTIONS FOR NEW WORK.
   G. PROVIDE MECHANICALLY GALVANIZED BOLTS FOR EXTERIOR APPLICATIONS.
   H. MINIMUM SIZE WELD UNLESS NOTED OTHERWISE IS ¾" FILLET.
4. WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS LICENSED BY THE COMMISSIONER OF BUILDINGS. WELDING ELECTRODES SHALL BE ASTM A233, CLASS E70XX (LOW HYDROGEN ELECTRODES FOR A572, GRADE 50 STEEL).
5. GALVANIZE ALL STRUCTURAL STEEL EXPOSED TO WEATHER. SHOP PAINT STEEL MEMBERS NOT ENCASED IN CONCRETE NOR SPRAY FIREPROOFED, AND ALL STEEL MEMBERS AT THE EXTERIOR WALL AND EAVES WITH THERMEL PAN. FIELD PAINT AS PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
6. ALL BEAMS EXCEPT CANTILEVER, BEAMS SHALL BE FABRICATED WITH NATURAL CAMBER UP. CANTILEVER BEAMS SHALL BE FABRICATED SO THAT NATURAL CAMBER RAISES CANTILEVER END.
7. LINTELS SHALL BE INSTALLED OVER ALL OPENINGS IN MASONRY WALLS AS FOLLOWS:

MASONRY OPENING	LINTEL
4'-0" OR LESS	L4x3½x5/16"
4'-1" TO 7'-0"	L4x3½x½"

   A. 3½" LEGS ARE HORIZONTAL.
   B. PROVIDE ON ANGLE FOR EACH 4" OF WALL THICKNESS.
   C. PROVIDE L 3x3x¼" ANGLES FOR 8" THICK WALLS AND PARTITIONS.
   D. PROVIDE MINIMUM 8" BEARING ON EACH END.
   E. LINTELS OVER 4'-0" SHALL BE FIREPROOFED.
8. MASONRY ANCHORS SHALL BE HILTI HIT ADHESIVE ANCHORS AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC., OR APPROVED EQUAL, THE SIZE AS INDICATED ON THE DRAWINGS. THEY SHALL BE INSTALLED AS PER MANUFACTURE'S INSTRUCTIONS.
9. PROVIDE ⅝" THICK SHELF ANGLES AT COLUMNS AND BEAMS AS REQUIRED TO PROVIDE END AND SIDE DECK SUPPORTS.
10. STEEL PIPE COLUMNS, UNLESS NOTED OTHERWISE, PROVIDE 4" DIAMETER SCHEDULE 40 STEEL PIPE WITH 10"x10"x⅜" STEEL BASE PLATE FASTENED WITH (2) ⅝" DIA. ANCHOR BOLTS AND 6"x6"x½" CAP PLATE WITH (4) ¾" DIA. LAG BOLTS.
11. SHOP AND ERECTION DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. NO FABRICATION OF STEEL SHALL COMMENCE WITHOUT APPROVED SHOP DRAWINGS.

FRAMING LUMBER

1. FRAMING LUMBER SHALL HAVE EACH PIECE GRADE STAMPED, SHALL BE SURFACED DRY (EACH PIECE SHALL SHALL BE KILN-DRIED) AND SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADES:
   RAFTERS AND JOISTS: DOUGLAS FIR-LARCH #2
   BEAMS, GIRDERS AND HEADERS: DOUGLAS FIR-LARCH #
   STUDS AND PLATES: DOUGLAS FIR-LARCH STUD GRADE
2. TIMBER LUMBER SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADE:
   POST AND TIMBER: DOUGLAS FIR LARCH #1
   BEAMS AND STRINGERS: DOUGLAS AS FIR-LARCH #
3. PRESERVATIVE-TREATED WOOD: PROVIDE TREATED LUMBER COMPLYING WITH AWPA-22 (COPPER AZOLE (C2AZA, C4-B) OR APPROVED EQUAL) AT ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, OR AS OTHERWISE INDICATED ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. TREATED LUMBER AND/OR PLYWOOD SHALL BEAR THE LABEL OF AN ACCREDITED AGENCY SHOWING 0.60 RETENTION. WHERE LUMBER AND/OR PLYWOOD IS CUT OR DRILLED AFTER TREATMENT, THE TREATED SURFACE SHALL BE FIELD-TREATED WITH COPPER NAPTHENATE (THE CONCENTRATION OF WHICH SHALL CONTAIN A MINIMUM OF 2% COPPER METAL) BY REPEATED BRUSHING, DIPPING, OR SOAKING UNTIL THE WOOD ABSORBS NO MORE PRESERVATIVE.
4. ALL WOOD FRAMING INCLUDING DETAILS FOR BRIDGING, BLOCKING, FIRE STOPPING, ETC., SHALL CONFORM TO THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND ITS SUPPLEMENTS AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NFPA "MANUAL FOR HOUSE FRAMING".
5. FASTENING SHALL BE IN ACCORDANCE WITH THE MOST RESTRICTIVE OF: THE INTERNATIONAL BOCA CODE (LATEST EDITION), THE IRC CABO FOR 1 AND 2 FAMILY DWELLINGS, OR THE MANUFACTURER'S RECOMMENDED FASTENING SCHEDULE.
6. ALL PLUSH FRAMED CONNECTIONS SHALL BE MADE WITH APPROVED GALVANIZED STEEL JOIST OR BEAM HANGERS, MINIMUM 18 GAUGE, INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
7. WHERE FRAMING LUMBER IS FLUSH FRAMED TO MCROLLAM, STEEL OR FLITCH-PLATE GIRDER, SET THESE GIRDERS ½" CLEAR (MIN) BELOW TOP OF FRAMING LUMBER, TO ALLOW FOR SHRINKAGE.
8. STUD BEARING WALLS ARE TO BE 2x4 @ 16" O.C. AT THE INTERIOR AND 2x6 @ 16" O.C. AT THE EXTERIOR, UNLESS NOTED OTHERWISE ON PLAN.
9. LAP ALL PLATES AT CORNERS AND AT INTERSECTION OF PARTITIONS.
10. STAGGER SPLICES OF TOP BOTTOM PLATE SPLICES A MINIMUM OF 32 INCHES.
11. USE DOUBLE STUDS @ ENDS OF WALL AND ENDS OF WALL OPENINGS.
12. AT THE ENDS OF ALL BEAMS, HEADERS AND GIRDERS PROVIDE A BUILT UP OR SOLID POST WHOSE WIDTH IS AT LEAST EQUAL TO THE WIDTH OF THE MEMBER IT IS SUPPORTING AND WHOSE DEPTH IS 4" (NOM.) AT INTERIOR WALLS AND 6" (NOM.) AT EXTERIOR WALLS.
13. USE DOUBLE TRIMMERS AND HEADERS AT ALL FLOOR OPENINGS WHERE BEAMS ARE NOT DESIGNATED.
14. BRIDGING FOR SPANS UP TO 14 FT., PROVIDE 1 ROW. BRIDGING FOR SPANS OVER 14 FT., PROVIDE 2 ROWS.
15. BUILT-UP BEAMS LESS THAN 8" DEEP SHALL BE SPIKED TOGETHER WITH 2 - 16D NAILS @ 16" O.C.
    BUILT-UP BEAMS GREATER THAN 8" DEEP SHALL BE SPIKED TOGETHER WITH 3 - 16D NAILS @ 16" O.C.
16. WHERE THERE IS NO PLYWOOD WALL SHEATHING, PROVIDE DIAGONALS AT ALL EXTERIOR CORNERS OF STUD WALLS AT EACH FLOOR. (1"x4" BRACES LET INTO STUDS AND NAILED AT EACH STUD CROSSING WITH 2 - 10D NAILS.)
17. CHIMNEYS: ALL STUDS FOR CHIMNEY FRAMING TO BE CONTINUOUS FROM ATTIC FLOOR LEVEL UP. CHIMNEY SHALL BE FACED WITH ½" APA RATED EXPOSED FIRE-RETARDANT PLYWOOD ALLIED I SCREWED TO STUDS. WHERE WALLS EXCEED 4'-0" IN WIDTH, INSTALL DIAGONAL METAL BRACING AT INSIDE FACE OF CHIMNEY AT ALL FOUR WALLS.
18. WHERE CANTILEVERED BEAMS ARE INDICATED, THE FAR CONNECTOR SHALL BE CAPABLE OF RESISTING AN UPLIFT OF 1000 LBS. MIN. U.N.O.
19. NO NEW OR EXISTING JOISTS SHALL BE CUT OR NOTCHED WITHOUT APPROVAL.
20. ALL LIGHT-GAGE HANGERS SUPPORTING PRESERVATIVE TREATED WOOD SHALL MEET OR EXCEED G185 (0.85 oz OF ZINC PER SQUARE FOOT). ALTERNATIVELY, STAINLESS STEEL CONNECTORS MAY BE USED. FASTENERS SHALL MATCH THE SELECTED HANGER FINISH AND MATERIAL.

WOOD HEADER SCHEDULE

1. UNLESS NOTED OTHERWISE IN PLAN, PROVIDE HEADERS PER THE FOLLOWING:

ROUGH OPENING WIDTH	HEADER: 2x4 WALL	2x6 WALL
LESS THAN 3'-0"	(2) 2x6	(3) 2x8
3'-1" TO 4'-0"	(3) 2x6	(3) 2x10
4'-1" TO 6'-0"	(2) 2x10	(3) 2x10
6'-1" TO 8'-0"	(2) 2x12	(3) 2x12
OVER 8'-0"	SEE PLANS	SEE PLANS

   NOTE: PROVIDE
   (1) JACK STUD FOR SPANS LESS THAN 4'-0" WIDE.
   (2) JACK STUDS FOR SPANS LESS THAN 8'-0" WIDE.
   (3) JACK STUDS FOR SPANS OVER 8'-0" WIDE.

PLYWOOD SHEATHING

1. PROVIDE PLYWOOD SHEATHING COMPLYING WITH APA - EITHER C-D INTERIOR APA STRUCTURAL I/II C-D INTERIOR APA, OR STRUCTURAL I/II C-C EXTERIOR APA, AS APPLICABLE.
2. FLOOR SHEATHING: ¾" THICK T & G 48/24 SPAN RATING, APA STURD-I-FLOOR, BLUE AND SCREW SHEATHING TO FLOOR JOISTS.
3. WALL SHEATHING: ½" THICK, 32/16 SPAN RATING.
4. ROOF SHEATHING: ⅝" THICK, 40/24 SPAN RATING.
5. ALL PLYWOOD SHALL BE GLUED AND SCREWED TO FLOOR JOISTS USING AN APA APPROVED ADHESIVE (B.F. GOODRICH PLIABOND OR EQUAL).
6. USE PLY CLIPS OR OTHER EDGE SUPPORT AS REQUIRED FOR PLYWOOD SHEATHING.
7. LEAVE ⅛" SPACE AT ALL PLYWOOD PANEL END JOINTS AND ⅛" SPACE AT ALL PANEL EDGE JOINTS.

ENGINEERED WOOD PRODUCTS

1. WOOD I-JOISTS: PROVIDE ENGINEERED WOOD I-JOISTS, SIZES AND SERIES AS SHOWN, AS MANUFACTURED BY TRUS-JOIST MACMILLAN OR APPROVED EQUAL. INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND DETAILS, INCLUDING CONSTRUCTION BRACING, MINIMUM BEARING LENGTHS, WEB STIFFENERS, SQUARE BLOCKS, BLOCKING, KNOCKOUTS AND HOLES, ETC.
2. RIM BOARDS: PROVIDE CONTINUOUS 1 ¼" THICK, 9¼" DEPTH, TIMBERSTRAND LSL AS MANUFACTURED BY TRUS-JOIST MACMILLAN, OR APPROVED EQUAL. INSTALL IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AT THE PERIMETER OF ALL FLOOR PLATFORMS.
3. MICRO-LAM BEAMS: PROVIDE ENGINEERED BEAMS, SIZES AS SHOWN, MICRO-LAM LVL OR PARALLAM PSL AS MANUFACTURED BY TRUS-JOIST MACMILLAN OR APPROVED EQUAL. INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND DETAILS.
4. GLUED LAMINATED TIMBER (SOFTWOOD): PROVIDE ENGINEERED BEAMS, SIZES AS SHOWN, IN ACCORDANCE WITH AITC 117-84 DESIGN STANDARD SPECIFICATIONS FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES, UNLESS NOTED OTHERWISE. ALL LAMINATIONS SHALL BE SOUTHERN PINE.
5. ROOF TRUSSES: PROVIDE PRE-ENGINEERED ROOF TRUSSES, AS SHOWN ON THE DOCUMENTS, TO RESIST LOADS TABULATED ON THIS SHEET (INCLUDING NET UPLIFT). INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND DETAILS. FABRICATOR SHALL SUBMIT LAYOUT PLANS AND ENGINEERING DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

LEGEND

EXISTING FOOTING	EXISTING STEEL BEAM TO REMAIN
NEW FOOTING	EXISTING STEEL BEAM TO BE REMOVED
EXISTING BRICK MASONRY TO REMAIN	NEW STEEL BEAM
NEW BRICK MASONRY	INDICATES EXISTING STEEL POST THRU OR DOWN
EXISTING CONCRETE MASONRY (CMU) TO REMAIN	INDICATES EXISTING STEEL POST ABOVE
NEW CONCRETE MASONRY (CMU)	INDICATES EXISTING WOOD POST THRU OR DOWN
NEW CONCRETE WALL	INDICATES EXISTING WOOD POST ABOVE
NEW WOOD BEARING WALL (2x4 @ 16" INT, 2x6 @ 16" EXT.)	INDICATES STEEL POST THRU OR DOWN (3½"x4x4 U.N.O. ON PLAN)
EXISTING WOOD BEARING WALL	INDICATES STEEL POST ABOVE (3½"x4x4 U.N.O. ON PLAN)
WALL ABOVE	INDICATES WOOD POST THRU OR DOWN (BUILT-UP STUD COL. TO MATCH WIDTH OF SUPPORTED MEMBER, U.O.N. ALL LVL OR PSL GIRDERS TO BEAR ON PSL POSTS OF SIMILAR WIDTH)
EXISTING WOOD JOIST TO REMAIN	INDICATES WOOD POST ABOVE (REFER TO NOTES FOR WOOD POST THRU OR DOWN)
EXISTING WOOD RAFTER TO REMAIN	INDICATES BOTTOM OF FOOTING ELEVATION
EXISTING WOOD BEAM TO REMAIN	DENOTES CONNECTION REQUIREMENTS - SEE SCHEDULE
EXISTING WOOD FRAMING TO BE REMOVED	
NEW WOOD JOIST	
NEW WOOD RAFTER	
NEW WOOD BEAM	

DESIGN LOADS AND FACTORS

DESIGN CODE: IRC 2000 AS MODIFIED BY LOCALITY

LIVE LOAD DATA		ROOF LOAD DATA		WIND LOAD DATA		EARTHQUAKE DESIGN DATA	
FLOOR OR ROOF AREA	LOAD (psf)	LOAD TYPE	VALUE (psf)	PARAMETER	VALUE	PARAMETER	VALUE
EXTERIOR BALCONIES	N/A	NON-DRIFT SNOW	30	BASIC WIND SPEED	90 MPH	SHORT PERIOD MAP VALUE (Ss)	14.9% g
TYP FLOOR (U.N.O.)	40	DRIFTING SNOW	N/A	WIND EXPOSURE	B	1.0 SEC PERIOD MAP VALUE (S1)	5.6% g
DECKS	40			IMPORTANCE FACTOR	1.0	SOIL FACTOR FOR SITE CLASS D (Fa)	1.60
STAIRS	40	PARAMETER	VALUE			RESIDENTIAL SITE VALUE	23.9% g
SLEEPING ROOMS	30	GROUND SNOW LOAD (P_g)	30			RESIDENTIAL SEISMIC DESIGN CATEGORY	A
ATTICS WITH STORAGE	N/A	CEILING APPLIED	YES				
ATTICS WITHOUT STORAGE	N/A	ROOF DEAD LOAD	15				
RESIDENTIAL LIBRARY	N/A						

CONNECTION SCHEDULE

CONNECTION # (SEE PLAN)	CONNECTION DESIGNATION	COMMENTS
1	HU 1.81/5	PROVIDE BLOCKING IN BEAM
2	HHUS.46	PROVIDE BLOCKING IN BEAM
3	HJ46	
4	HU 1.81/10	PROVIDE BLOCKING IN BEAM
5	HH/TJ/2/1.25	TOP FLANGE HANGER
6	LU28	PROVIDE BLOCKING IN BEAM
7	HU 1.81/5	SLOPED SEAT (SEE ARCH)
8	LU26	FOR 2x10 AND 2x8 MEMBERS
9	HJ46	PROVIDE BLOCKING IN BEAM
10	HJ46	PROVIDE SLOPE WITH BLOCKING

BZA Case No. 17310 Exhibit No. 11-J

CONSULTANTS:
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REVISED:

ISSUED: 01/30/14

DAN RESIDENCE
1812 35TH STREET N.W.
WASHINGTON, DC

DRAWING: GENERAL NOTES AND DESIGN PARAMETERS

S-0

EXTERIOR DOOR & WINDOW SCHEDULE

#	QTY	BRAND	TYPE	#	R.O.	BMLD SIZE	LOCATION(S)	SILL OR HEAD HGT
A	1	WEATHER SHIELD	FRENCH DOOR		8' x 8'		MASTER BEDROOM	
B	13	WEATHER SHIELD	DOUBLE HUNG TILT	11-28x28	2'-10 5/16" x 5'-5 5/8"		BEDS, BATHS, & FAMILY	
E	1	WEATHER SHIELD	FRENCH DOOR				FAMILY	
F	1	ANDERSON	CASEMENT	235	4'-9" x 3'-5 3/8"	?	BASEMENT BEDROOM	
G	1	WEATHER SHIELD	AWNING	21-3224	6'-1 x 2'-5 1/4"	6'-3 x 2'-6 7/8"	BASEMENT SITTING	
H	3	WEATHER SHIELD	CASEMENT	11-2068	2'-1" x 6' 1 3/8"		BATHS, HALL 1	
J	1	WEATHER SHIELD	AWNING	11-2820	2'-9" x 2'-1 1/4"	2'-11" x 2'-2 7/8"	REC ROOM	
K	1		DOOR W/ GLASS				REC ROOM	
L	1	WEATHER SHIELD	CASEMENT	11-1256	1'-5" x 6' 1 3/8"	?	DINING ROOM	
M	1	WEATHER SHIELD	DOUBLE HUNG TILT	11-28x36	2'-10 5/16" x 6'-9 5/8"		MASTER BEDROOM	
N	1		GLASS BLOCK W/ VENT			1'-1 1/2" x 3'-6"	UTIL 1	
O	1	WEATHER SHIELD	CASEMENT	11-1628	1'-9" x 2'-9 3/8"		BASE BATH	
P	3	VELUX	FIXED SKYLIGHT	308	30 1/2" x 55 1/2"		STAIR HALL	
Q	1	VELUX	FIXED SKYLIGHT	302	30 1/2" x 31 1/8"		SHOWER	

DOOR SCHEDULE

#	TYPE	SIZE	LOCATION(S)	NOTE
1	HOLLOW CORE	(2) 30" x 6'-8"	BED #4 CLOSET	
2	HOLLOW CORE	36" x 6'-8"	BEDROOM #4	
3	SOLID CORE	32" x 6'-8"	BASE BATH	UNDERCUT AS REQUIRED
4	LOUVERED	32" x 6'-8"	UTIL #1	
5	PANELED	24" x 8'-0"	POWDER ROOM	POCKET DOOR
6	PANELED	(2) 24" x 8'-0"	HALL #1 CLOSET	
7	PANELED	(2) 30" x 8'-0"	BED #3 CLOSET	
8	PANELED	36" x 8'-0"	BEDROOM #3	
9	LOUVERED	(2) 30" x 8'-0"	LAUNDRY #2	
10	LOUVERED	(2) 30" x 8'-0"	UTIL #2	
11	PANELED	24" x 8'-0"	2ND FLOOR BATH	
12	PANELED	(2) 24" x 8'-0"	BED #2 CLOSET	
13	PANELED	36" x 8'-0"	BEDROOM #2	
14	PANELED	24" x 8'-0"	SHOWER	POCKET DOOR
15	PANELED	24" x 8'-0"	TOILET	POCKET DOOR
16	PANELED	(2) 18" x 8'-0"	LINEN CLOSET	
17	PANELED	36" x 8'-0"	MASTER BEDROOM	
18	PANELED	(2) 36" x 8'-0"	MASTER CLOSET	
19	PANELED	(2) 36" x 8'-0"	MASTER CLOSET	

WALL SCHEDULE

SCALE: 1 1/2" = 1'-0"

NO SYMBOL



1/2" GWB
2x4 @ 16" O.C. WOOD STUD FRAMING
1/2" GWB

(a)



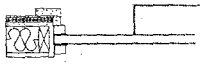
6" HORIZONTAL CEMENT BOARD SIDING
5/8" CDX W/ BUILDING PAPER
2x4 @ 16" O.C. WOOD FRAME
W/ R-13 BATT INSULATION
1/2" GWB

(b)



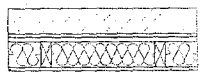
DESIGN # U339 - 1 HR FIRE WALL (ANSI/UL 263)
6" HORIZONTAL CEMENT BOARD SIDING
5/8" CDX W/ BUILDING PAPER
5/8" FIRE RATED GWB
W/ 1 1/4" TYPE W STEEL SCREWS @ 12" O.C.
2x4 @ 16" O.C. WOOD FRAME
W/ R-23 BATT INSULATION
5/8" FIRE RATED GWB
W/ 1 1/4" TYPE W STEEL SCREWS @ 12" O.C.

(c)



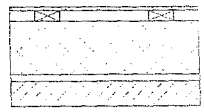
DESIGN # U439 - 1 HR FIRE WALL (ANSI/UL 263)
FIRE RESISTANT GLAZING MATERIALS
(1.57" PANELS- VETROTECH SAINT GOBAIN)
NOT TO EXCEED 28 SF W/ MAX DIMENSION 7'.
INSTALL IN ACCORDANCE TO UNDERWRITERS
LABORATORIES INC INSTRUCTIONS (SEE
SPECIFICATIONS)

(d)



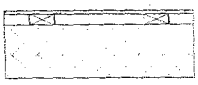
4" BRICK
5/8" CDX W/ BUILDING PAPER
2x4 @ 16" O.C. WOOD FRAME
W/ R-13 BATT INSULATION
1/2" GWB

(e)



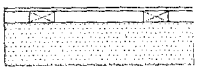
DESIGN # 905 - 2 HR FIRE WALL
1/2" GWB
2x4 @ 16" O.C. THIN FRAME - WOOD
8" CMU W/ LOOSE MASONRY FILL
(SEE UNDERWRITER LABORATORIES
INSTRUCTIONS / SPECIFICATIONS)
4" BRICK

(f)



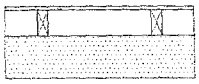
1/2" GWB
2x4 @ 16" O.C. THIN FRAME - WOOD
8" CMU

(g)



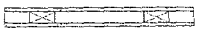
FURR OUT 2"
1/2" GWB
2x4 @ 16" O.C. THIN FRAME - WOOD
EXISTING MASONRY

(h)



FURR OUT 4"
1/2" GWB
2x4 @ 16" O.C. WOOD FRAMING
EXISTING MASONRY

(i)



1/2" GWB
2x4 @ 16" O.C. THIN FRAME - WOOD
1/2" GWB

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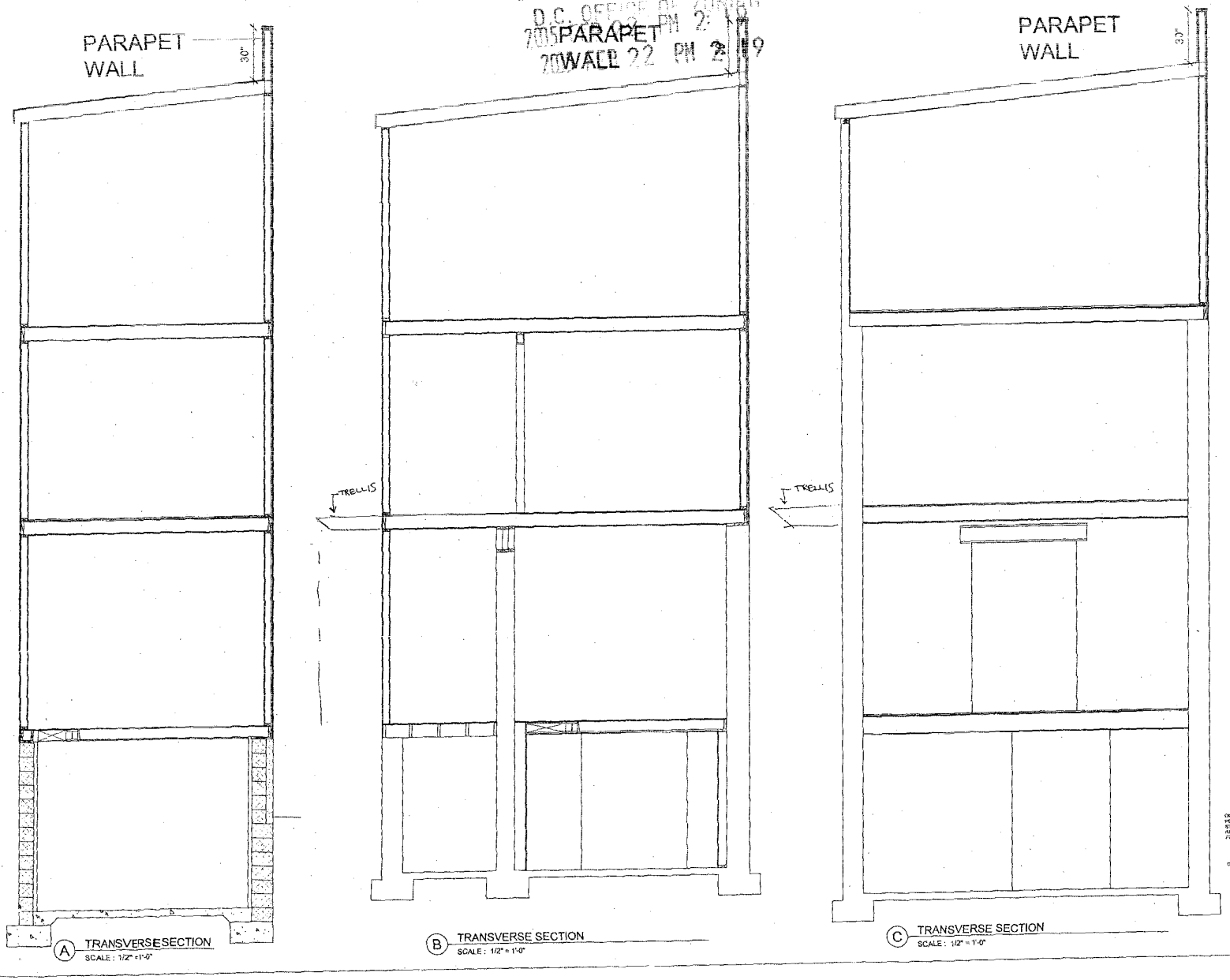
BZA
Case No. 17310
Exhibit No. 11-K

RENOVATION & ADDITION TO
1812 35TH STREET NW

SCHEDULES & DETAILS

A-5

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2015 NOV 19 PM 2:19



A TRANSVERSE SECTION
SCALE : 1/2" = 1'-0"

B TRANSVERSE SECTION
SCALE : 1/2" = 1'-0"

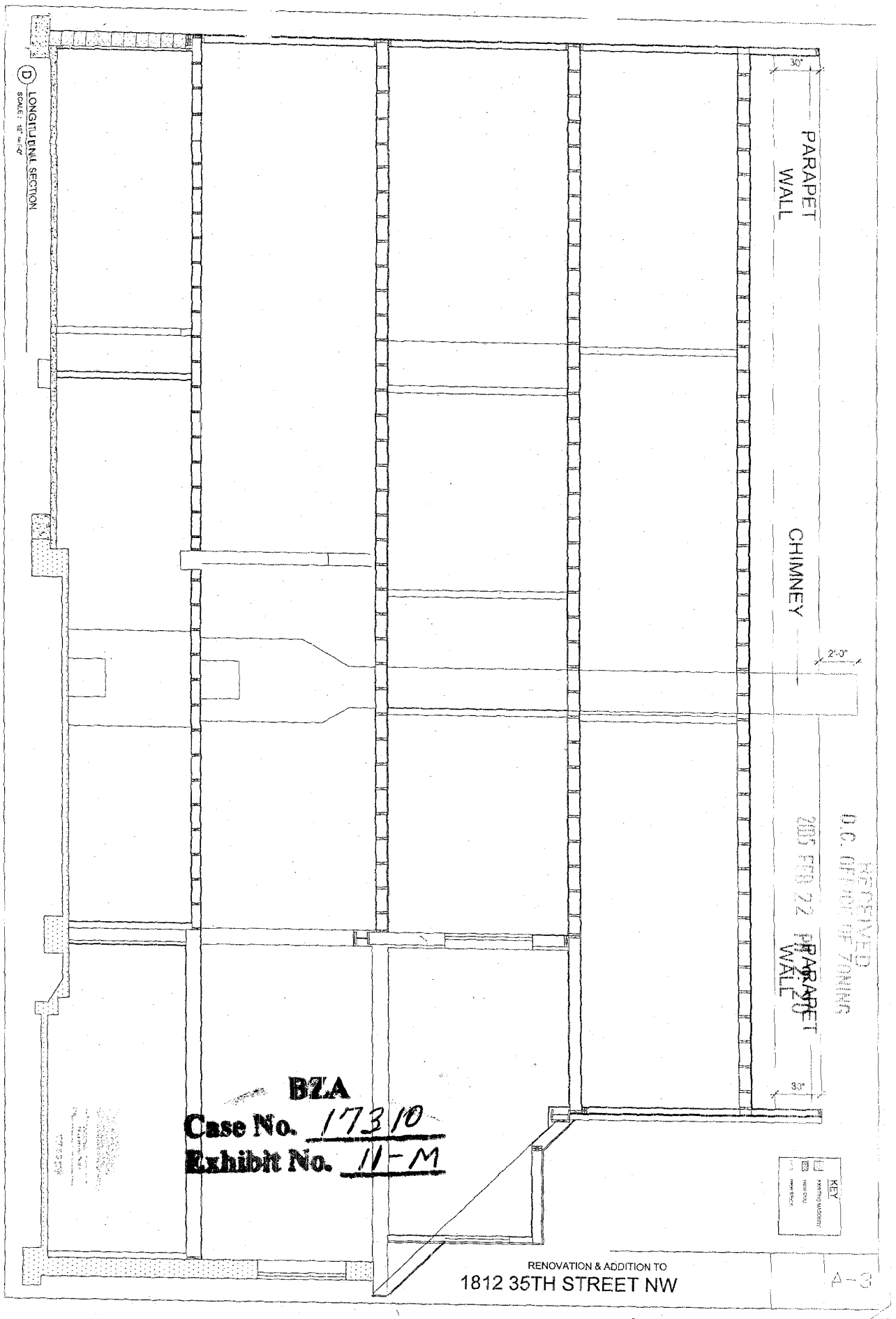
C TRANSVERSE SECTION
SCALE : 1/2" = 1'-0"

BZA
Case No. 17310
Exhibit No. 11-7

DISTRICT OF COLUMBIA
HOUSING ENGINEERING DIVISION
STRUCTURAL WORK IS APPROVAL
STRUCTURAL WORK IS APPROVED
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
Robert Chen
Structural Engr. Section
Date NOV 0 3 2015

A-1

RENOVATION & ADDITION TO
1812 35TH STREET NW


D
LONGITUDINAL SECTION
SCALE: 1/8" = 1'-0"
PARAPET WALL
CHIMNEY
2'-0"
PARAPET WALL
3'-0"
KEY
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Case No. 17310
Exhibit No. 11-M
RENOVATION & ADDITION TO
1812 35TH STREET NW
A-3