

PLAN LEGEND

	EXISTING WALL
	NEW WOOD STUD WALL
	NEW CMU OR MASONRY WALL
	BATT INSULATION
	DOOR MARK, SEE SCHEDULE
	WINDOW MARK, SEE SCHEDULE
	NO WORK IN THIS AREA

MECHANICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	EQUIPMENT IDENTIFICATION
	AIR DISTRIBUTION DEVICE ID. + SUPPLY, - RETURN OR EXHAUST
	THERMOSTAT @ 4' A.F.F.
	CEILING GRILLE (RETURN OR EXHAUST)
	CEILING REGISTER (SUPPLY)
	WALL GRILLE (RETURN OR EXHAUST)
	WALL REGISTER (SUPPLY)
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	FLEXIBLE INSULATED ROUND DUCT

MECHANICAL GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LOCAL CODES, REGULATIONS & ORDINANCES.
- THE MECHANICAL CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS & PAY ALL FEES RELATIVE TO THE INSTALLATION OF HIS WORK.
- THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE & THOROUGHLY SURVEY ALL EXISTING CONDITIONS.
- THE MECHANICAL CONTRACTOR SHALL BALANCE & TEST THE HEATING, VENTILATING & AIR CONDITIONING SYSTEMS.
- PLANS ARE SCHEMATIC. CONTRACTOR SHALL PERFORM PROPER LOAD CALCULATION PER IRC RESIDENTIAL DUCT SYSTEMS MANUAL, & MAKE ANY ADJUSTMENTS NEEDED TO PROPERLY HEAT/COOL RESIDENCE.
- MAKE-UP AIR SHALL BE PROVIDED PER M1503.4 OF THE 2015 IRC. EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 CUBIC FEET PER MINUTE SHALL BE PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE. SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A MEANS OF CLOSURE & SHALL BE AUTOMATICALLY CONTROLLED TO START & OPERATE SIMULTANEOUSLY WITH THE EXHAUST SYSTEM.
- HVAC OPENINGS WILL BE PROTECTED DURING DUST-PRODUCING OPERATIONS, & FILTERS WILL BE REPLACED PRIOR TO BUILDING OCCUPANCY.
- HVAC PROTECTION: ENSURE THAT DUST & CONSTRUCTION DEBRIS DOES NOT ACCUMULATE IN HVAC DUCTS. MEASURES COULD INCLUDE WRAPPING HVAC DUCTS & EQUIPMENT IN PLASTIC. DUCTWORK AND EQUIPMENT SHOULD BE STORED IN DRY AND DUST FREE AREAS PRIOR TO INSTALLATION.
- IT IS IMPORTANT TO PROVIDE OUTSIDE AIR DURING CONSTRUCTION. PROVIDE NATURAL VENTILATION IN ACCORDANCE W/ THE I.M.C. BUILDINGS OR USE FANS THAT PRODUCE A MINIMUM OF THREE AIR CHANGES PER HOUR.
- OUTDOOR AIR INTAKES & EXHAUSTS SHALL HAVE AUTOMATIC OR GRAVITY DAMPERS THAT CLOSE WHEN THE VENTILATION SYSTEM IS NOT OPERATING.

REVISION III- MECHANICAL SCOPE OF WORK:

- CONVERT EXISTING A.C. SYSTEM TO PROPERLY HEAT & COOL EXISTING RESIDENCE.
- ALL EXISTING RADIATORS & BASEBOARD HEATERS REMOVED IN RESIDENCE.
  - REPLACE EXISTING EXTERIOR CONDENSER WITH NEW (SEE SCHEDULE M100).
  - ADD NEW HEAT COIL TO THE EXISTING AIR HANDLER IN ATTIC SPACE.
  - THE MECHANICAL CONTRACTOR SHALL BALANCE & TEST THE HEATING, VENTILATING & AIR CONDITIONING SYSTEMS.
  - CONTRACTOR SHALL PERFORM PROPER LOAD CALCULATION PER IRC RESIDENTIAL DUCT SYSTEMS MANUAL, & MAKE ANY ADJUSTMENTS NEEDED TO PROPERLY HEAT/COOL RESIDENCE.

EXHAUST VENT SCHEDULE

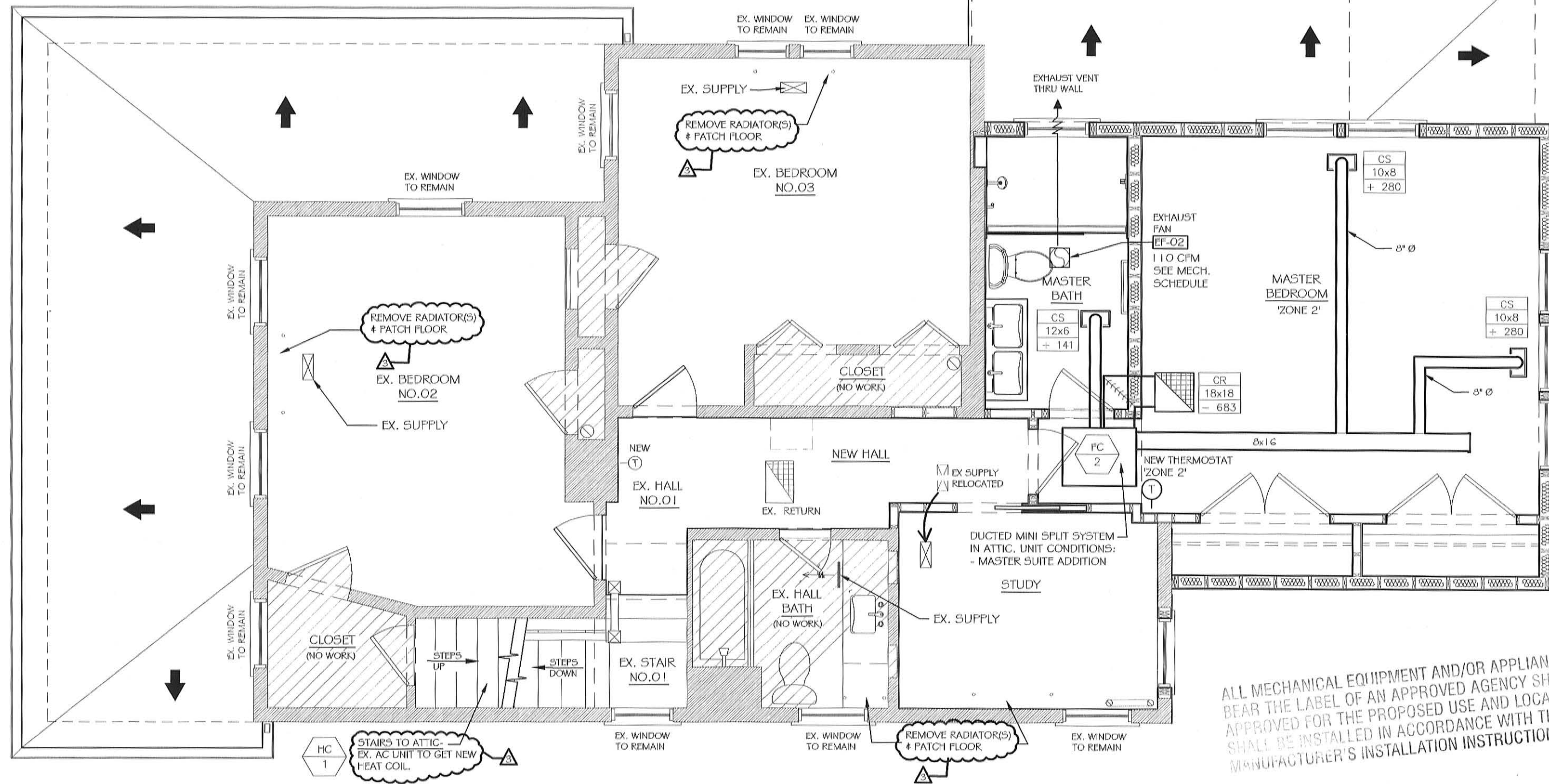
CALL OUT	DESCRIPTION	MODEL NUMBER	VENTING:	ELECTRICAL:
APP-2	KITCHEN RANGE HOOD	TO BE SELECTED	600 CFM. VERIFY W/ SELECTION. SEE NOTE#1	120 VOLT, 60HZ, AC ONLY, 15-AMP, FUSED CIRCUIT
EF-1	BATH EXHAUST	BROAN, QTXE90E	90 CFM. (1.5 SONES) SEE NOTE #2	36.3 WATTS 0.3 AMPS
EF-2	BATH EXHAUST	BROAN, QTXE1105, HUMIDITY SENSING FAN	110 CFM. (0.7 SONES) SEE NOTE #3	31.4 WATTS 0.3 AMPS

EXHAUST VENT NOTES

- HOOD VENT
  - HOOD VENT SHALL TERMINATE TO THE OUTDOORS. DO NOT TERMINATE THE VENT SYSTEM IN AN ATTIC OR OTHER ENCLOSED AREA.
  - WALL CAP SHALL BE ALUMINUM AND INCLUDE BUILT-IN BACK-DRAFT DAMPER AND BIRD SCREEN.
  - THE LENGTH OF THE VENT SYSTEM AND NUMBER OF ELBOWS SHALL BE KEPT TO A MINIMUM TO PROVIDE EFFICIENT PERFORMANCE. USE NO MORE THAN (3) 90° ELBOWS WITH A MINIMUM OF 24" OF STRAIGHT VENT BETWEEN THE ELBOWS IF MORE THAN (1) IS USED.
  - USE CAULKING TO SEAL EXTERIOR WALL OR ROOF OPENING AROUND THE CAP.
  - MAKE-UP SHALL BE PROVIDED, SEE 'MECHANICAL GENERAL NOTE, #6'
- EXHAUST FAN EF-1:
  - FAN SHALL HAVE CORROSION RESISTANT GALVANIZED STEEL HOUSING WITH FOUR-POINT MOUNTING CAPABILITY. IT SHALL BE DUCTED TO A ROOF OR WALL CAP USING 4" ROUND DUCTWORK.
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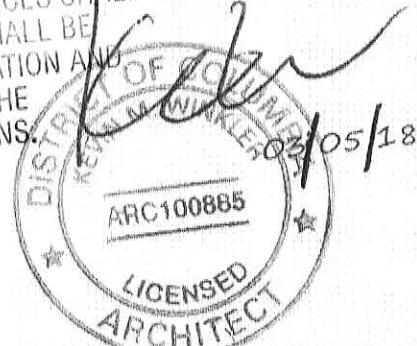
THE GENERAL LAYOUT OF THE MECHANICAL SYSTEMS AND OR THE MECHANICAL EQUIPMENT SHOWN ON THESE DRAWINGS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE D.C. CONSTRUCTION CODES AND IS APPROVED.

Date: MAR 05 2018  
 Mechanical Engineering Section



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

ALL MECHANICAL EQUIPMENT AND/OR APPLIANCES SHALL BEAR THE LABEL OF AN APPROVED AGENCY SHALL BE APPROVED FOR THE PROPOSED USE AND LOCATION AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT IN THE DISTRICT OF COLUMBIA, LICENSE NO. ARC100885, EXPIRATION DATE 12-30-2018.

REVISION

	09.08.17
	02.28.18
	03.05.18

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PHASE	PERMIT SET	DATE	SCALE	DRAWN	REV.
		07.26.17	AS SHOWN	DHIRT	REVISION III- 05.05.18

**OGDEN CHANLETT-AVERY**  
 RESIDENCE  
 4400 ALBEMARLE STREET NW  
 WASHINGTON DC 20016

MECHANICAL  
 SECOND FLOOR  
 PLAN  
 SHEET

**M003**  
 Board of Zoning Adjustment  
 District of Columbia  
 CASE NO. 19777  
 EXHIBIT NO. 25A3



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**MECHANICAL UNIT SCHEDULE**

UNIT #	DESCRIPTION	MODEL NUMBER	REMARKS:
HP-01	HEAT PUMP	CARRIER COMFORT HEAT PUMP- 38MGQD27	ELECTRICAL REQUIREMENTS: 208-230V
FC-01	FAN COIL-ZONE 1	CARRIER COMFORT 40MBQB18	CONDITIONS NEW CRAWL SPACE, STORAGE, AND NEW FIRST FLOOR. LOCATED IN NEW CRAWL SPACE
FC-02	FAN COIL-ZONE 2	CARRIER COMFORT 40MBQB18	CONDITIONS NEW MASTER SUITE. LOCATED IN ATTIC SPACE

- 1) PROVIDE (1) DIGITAL PROGRAMMABLE THERMOSTAT PER ZONE

**MECHANICAL UNIT NOTES:**

- CONDENSATE FROM COOLING COIL SHALL BE CONVEYED FROM THE DRAIN PAN OUTLET TO AN APPROVED PLACE OF DISPOSAL. SUCH PIPING SHALL MAINTAIN A MIN. HORIZONTAL SLOPE IN THE DIRECTION OF DISCHARGE OF NOT LESS THAN 1/8 UNIT VERTICAL IN 12 UNITS HORIZONTAL (1-PERCENT SLOPE). CONDENSATE SHALL NOT DISCHARGE INTO A STREET, ALLEY OR OTHER AREAS WHERE IT WOULD CAUSE A NUISANCE.
- IN ADDITION TO THE REQUIREMENTS OF NOTE #1, A SECONDARY DRAIN OR AUXILIARY DRAIN PAN SHALL BE INSTALLED FOR EACH COOLING OR EVAPORATOR COIL WHERE DAMAGE TO ANY BUILDING COMPONENTS WILL OCCUR AS A RESULT OF OVERFLOW FROM THE EQUIPMENT DRAIN PAN OR STOPPAGE IN THE CONDENSATE DRAIN PIPING. SUCH PIPING SHALL MAINTAIN A MINIMUM HORIZONTAL SLOPE IN THE DIRECTION OF DISCHARGE OF NOT LESS THAN 1/8 UNIT VERTICAL IN 12 UNITS HORIZONTAL. DRAIN PIPING SHALL BE A MINIMUM OF 3/4" NOMINAL PIPE SIZE. ONE OF THE FOLLOWING METHODS SHALL BE USED:
  - AN AUXILIARY DRAIN PAN WITH A SEPARATE DRAIN SHALL BE INSTALLED UNDER THE COILS ON WHICH CONDENSATION WILL OCCUR. THE AUXILIARY PAN DRAIN SHALL DISCHARGE TO A CONSPICUOUS POINT OF DISPOSAL TO ALERT OCCUPANTS IN THE EVENT OF A STOPPAGE OF THE PRIMARY DRAIN. THE PAN SHALL HAVE A MINIMUM DEPTH OF 1.5 INCHES (38 MM), SHALL NOT BE LESS THAN 3 INCHES LARGER THAN THE UNIT OR THE COIL DIMENSIONS IN WIDTH AND LENGTH & SHALL BE CONSTRUCTED OF CORROSION-RESISTANT MATERIAL. GALVANIZED SHEET STEEL PANS SHALL HAVE A MIN. THICKNESS OF NOT LESS THAN 0.0236-INCH (NO. 24 GAGE). NONMETALLIC PANS SHALL HAVE A MINIMUM THICKNESS OF NOT LESS THAN 0.0625".
  - A SEPARATE OVERFLOW DRAIN LINE SHALL BE CONNECTED TO THE DRAIN PAN INSTALLED WITH THE EQUIPMENT. THIS OVERFLOW DRAIN SHALL DISCHARGE TO A CONSPICUOUS POINT OF DISPOSAL TO ALERT OCCUPANTS IN THE EVENT OF A STOPPAGE OF THE PRIMARY DRAIN. THE OVERFLOW DRAIN LINE SHALL CONNECT TO THE DRAIN PAN AT A HIGHER LEVEL THAN THE PRIMARY DRAIN CONNECTION.
  - AN AUXILIARY DRAIN PAN WITHOUT A SEPARATE DRAIN LINE SHALL BE INSTALLED UNDER THE COILS ON WHICH CONDENSATION WILL OCCUR. THIS PAN SHALL BE EQUIPPED WITH A WATER LEVEL DETECTION DEVICE CONFORMING TO UL 508 THAT WILL SHUT OFF THE EQUIPMENT SERVED PRIOR TO OVERFLOW OF THE PAN. THE PAN SHALL BE EQUIPPED WITH A FITTING TO ALLOW FOR DRAINAGE. THE AUXILIARY DRAIN PAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 1 OF THIS SECTION.
  - A WATER LEVEL DETECTION DEVICE CONFORMING TO UL 508 SHALL BE INSTALLED THAT WILL SHUT OFF THE EQUIPMENT SERVED IN THE EVENT THAT THE PRIMARY DRAIN IS BLOCKED. THE DEVICE SHALL BE INSTALLED IN THE PRIMARY DRAIN LINE, THE OVERFLOW DRAIN LINE OR THE EQUIPMENT-SUPPLIED DRAIN PAN, LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF SUCH PAN.

**EXHAUST VENT SCHEDULE**

CALL OUT	DESCRIPTION	MODEL NUMBER	VENTING:	ELECTRICAL:
APP-2	KITCHEN RANGE HOOD	TO BE SELECTED	600 CFM. VERIFY W/ SELECTION. SEE NOTE#1	120 VOLT, 60HZ, AC ONLY, 15-AMP, FUSED CIRCUIT
EF-1	BATH EXHAUST	BROAN, QTXE90E	90 CFM. (1.5 SONES) SEE NOTE #2	36.3 WATTS 0.3 AMPS
EF-2	BATH EXHAUST	BROAN, QTXE110S, HUMIDITY SENSING FAN	110 CFM. (0.7 SONES) SEE NOTE #3	31.4 WATTS 0.3 AMPS

**EXHAUST VENT NOTES**

- HOOD VENT
  - HOOD VENT SHALL TERMINATE TO THE OUTDOORS. DO NOT TERMINATE THE VENT SYSTEM IN AN ATTIC OR OTHER ENCLOSED AREA.
  - WALL CAP SHALL BE ALUMINUM AND INCLUDE BUILT-IN BACK-DRAFT DAMPER AND BIRD SCREEN.
  - THE LENGTH OF THE VENT SYSTEM AND NUMBER OF ELBOWS SHALL BE KEPT TO A MINIMUM TO PROVIDE EFFICIENT PERFORMANCE. USE NO MORE THAN (3) 90° ELBOWS WITH A MINIMUM OF 24" OF STRAIGHT VENT BETWEEN THE ELBOWS IF MORE THAN (1) IS USED.
  - USE CAULKING TO SEAL EXTERIOR WALL OR ROOF OPENING AROUND THE CAP.
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  - FAN SHALL HAVE CORROSION RESISTANT GALVANIZED STEEL HOUSING WITH FOUR-POINT MOUNTING CAPABILITY. IT SHALL BE DUCTED TO A ROOF OR WALL CAP USING 6" ROUND DUCTWORK.
  - FAN SHALL BE U.L. LISTED FOR USE OVER BATHTUBS AND SHOWERS WHEN CONNECTED TO A GFCI PROTECTED BRANCH CIRCUIT

**AIR DISTRIBUTION NOTES:**

- DUCTWORK SHALL BE CONSTRUCTED OF BEST QUALITY GALVANIZED SHEET METAL & SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. CONSTRUCTION & INSTALLATION SHALL CONFORM TO THE LATEST DUCT MANUAL OF THE SHEET METAL & AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA). ALL DUCTWORK SHALL BE CONSTRUCTED & SEALED TO MEET 2" PRESSURE CLASSIFICATION.
- SEAL DUCTS TRANSVERSE JOINTS W/ UL LISTED LIQUID OR MASTIC SEALANT IN ACCORDANCE W/ SMACNA DUCT SEALING REQUIREMENTS SEAL CLASS C. DUCT TAPE WILL NOT BE ACCEPTABLE.
- PROVIDE TURNING VANES ON ALL SQUARE ELBOWS EXCEPT FOR GREASE DUCTS.
- MANUAL VOLUME DAMPERS SHALL BE OPPOSED BLADE TYPE W/ LOCKING QUADRANT & INDICATING PLATE. VOLUME DAMPERS FOR ROUND DUCT UP TO 8" Ø. SHALL BE SINGLE BLADE W/ (2) BEARINGS, HANDLE, WASHERS & LOCKING NUT. HART & COOLEY SERIES 60.
- VOLUME DAMPERS FOR DUCTWORK CONCEALED IN WALLS, GYP BOARD CEILINGS ETC. SHALL BE COMPLETE WITH CONNECTING RODS, GEARS & ALL NECESSARY ACCESSORIES TO ADJUST THE VOLUME DAMPER WITHOUT DISTURBING THE FINISHED SURFACE. YOUNG REGULATOR CO. SERIES 912 FOR STRAIGHT CONNECTION, SERIES 914 W/ MITER GEAR FOR OFFSET DAMPER POSITION.

**MECHANICAL INSULATION NOTES:**

- PROVIDE INSULATION FOR DUCTWORK, PIPING, & EQUIPMENT OF TYPES & THICKNESS SPECIFIED HEREIN. INSULATION SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING 25 & A SMOKE DEVELOPED RATING NOT EXCEEDING 50. INSTALL INSULATION IN STRICT CONFORMANCE W/ THE MANUFACTURER'S RECOMMENDATIONS. A CONTINUOUS VAPOR BARRIER SHALL BE PROVIDED ON ALL COLD PIPING AND COLD AIR DUCTWORK. INSULATION SHALL BE ARMSTRONG, CERTAINTED OR OWENS-CORNING.
- TYPE 1 - GLASS FIBER, LB. DENSITY DUCT WRAP, FACED WITH A REINFORCED ALUMINUM FOIL KRAFT WITH VAPOR BARRIER FACING & A 2" TAPING FLANGE. CERTAINTED DUCT WRAP OR OWENS-CORNING ALL SERVICE DUCT WRAP. CUT INSULATION TO STRETCH-OUT DIMENSIONS AS RECOMMENDED BY MANUFACTURER.
- TYPE 11 - DUCT LINING- 1" THICK SEMI-RIGID, COATED GLASS FIBER, 2 LB DENSITY, CERTAINTED ULTRALITE OR OWENS-CORNING AEROFLEX DUCT LINER. WHERE DUCTWORK IS ACOUSTICALLY LINED, ADDITIONAL INSULATION IS NOT REQUIRED ON THE EXTERIOR SURFACE UNLESS NOTED. CERTAINTED ULTRALITE OR OWENS-CORNING AEROFLEX DUCT LINER.
- TYPE 111 - INSULATE ALL HOT WATER PIPING THAT CONVEYS FLUIDS THAT HAVE A DESIGN OPERATING RANGE OF LOWER THAN 55 DEGREES F OR GREATER THAN 105 DEGREES F. PIPES SHALL BE INSULATED WITH 1" THICK ARMAFLEX ADHESIVE #520, FLEXIBLE ELASTOMERIC THERMAL INSULATION WITH A MAX. WATER VAPOR TRANSMISSION OF 0.17 PERM-IN WITH A 'K' FACTOR OF 0.27 OR LESS AT 75°F. MEAN TEMPERATURE. ARMAFLEX PRO BY ARMAFLEX. REFRIGERANT LIQUID AND HOT GAS PIPING WITHIN THE BUILDING SHALL BE INSULATED WITH 1/2" THICK ARMAFLEX FIRE RATED INSULATION OR APPROVED EQUAL. INSULATION LOCATED OUTDOORS SHALL BE COVERED WITH WEATHER RESISTANT PROTECTIVE FINISH, ARMAFLEX FINISH OR EQUAL. INSULATION SHALL BE SUITABLE FOR (-)297°F TO (+)220°F. MINIMUM INSULATION RATING SHALL BE R3. SHALL COMPLY WITH 2012 IECC SEC C403.3. PROTECTIVE COVERING FOR OUTDOOR SHALL BE ARMA-GHEK SILVER MULTILAYER LAMINATE OF ALUMINUM COATED WITH UV PROTECTIVE FILM AND BACKED WITH A FLEXIBLE PVC FILM.
- FOR THE SERVICES INDICATED USE INSULATION THICKNESS AND TYPES AS FOLLOWS:
  - SUPPLY, RETURN AND OUTSIDE AIR DUCTWORK- 1.5" TYPE 1, PRIOR TO APPLICATION OF INSULATION, APPLY A UNIFORM COAT OF MASTIC AT ALL JOINTS AT DUCTS, AIR HANDLER JOINTS & FILTER BOX JOINTS. WHERE JOINTS ARE MORE THAN 1/8" WIDE, FIRST APPLY A LAYER OF FIBER GLASS MESH TAPE. COMPLY WITH IECC2012, SEC C403.2.2.
  - REFRIGERANT PIPING- TYPE 111
  - DUCT LINING- TYPE 11, WHERE SHOWN ON FLOOR PLANS. WHERE DUCT LINING IS INSTALLED ADDITIONAL INSULATION IS NOT REQUIRED UNLESS OTHERWISE NOTED.

**AIR BARRIER AND INSULATION NOTES**

PER TABLE R403.4.1.1 (2012 IECC)

- SHAFTS, PENETRATION DUCT SHAFTS, UTILITY PENETRATIONS & FLUE SHAFTS OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.
- HVAC REGISTER BOOTS HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.

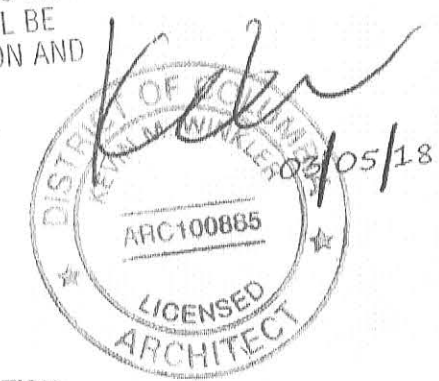
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Date: MAR 05 2018  
Mechanical Engineering Section

**MECHANICAL UNIT SCHEDULE (CONDITIONS EXISTING RESIDENCE)**

UNIT #	DESCRIPTION	MODEL NUMBER	SEER	REMARKS:
HC-01	NEW HEAT COIL ON EX. AC UNIT	CARRIER COMFORT-	---	LOCATED IN EXISTING ATTIC
CU-01	EXT. CONDENSER REPLACED W/ NEW HEAT PUMP	CARRIER- 38MGQF36-MULTI-CHOICE	18	ELECTRICAL REQ: 208-230V

- 1) PROVIDE (1) DIGITAL PROGRAMMABLE THERMOSTAT PER ZONE

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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT IN THE DISTRICT OF COLUMBIA, LICENSE NO. ARC100885, EXPIRATION DATE 12-30-2018.

REVISION	
△	09.08.17
△	02.28.18
△	03.05.18

**SALTBOX**  
ARCHITECTURE / CONSTRUCTION  
1624 TAYLOR STREET, NW OFFICE: 202-350-0300  
WASHINGTON, D.C. 20001 WWW.SALTBOXDESIGN.COM

PHASE	DATE	SCALE	DRAWN	REV.
PERMIT SET	07.26.17	AS SHOWN	DHRT	REVISION III: 03.05.18

**OGDEN CHANLETT-AVERY RESIDENCE**  
4400 ALBEMARLE STREET NW  
WASHINGTON DC 20016




MECHANICAL GENERAL NOTES AND SCHEDULES

SHEET

**M100**



DEMOLITION PLAN LEGEND:

-  EXISTING WALLS
-  EXISTING TO BE REMOVED AND DISPOSED OF (UNLESS NOTED)
-  NO WORK IN THIS AREA


GENERAL NOTES:

- 1.) ALL ITEMS AND MATERIALS REMOVED SHALL BE DISPOSED OF, UNLESS OTHERWISE NOTED.
- 2.) WHERE EXTERIOR WINDOWS/DOORS ARE REMOVED, COVER TEMPORARILY WITH PLYWOOD.
- 3.) DUST PARTITIONS ARE TO BE BUILT TO COORDINATE WITH WORK.
- 4.) ALL EXISTING FLOOR/FURNITURE/WALLS SHALL BE PROTECTED.
- 5.) PLUMBING FIXTURES, WINDOWS, DOORS, ETC. SHALL BE DONATED TO 'HABITAT FOR HUMANITY' OR EQUAL. CONTRACTOR IS TO ARRANGE PICK UP.
- 6.) ELECTRICAL, MECHANICAL, AND PLUMBING CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS WITH PROPOSED PLANS BEFORE WORK BEGINS.
- 7.) CONTRACTOR IS TO COORDINATE REMOVAL PLANS WITH ARCHITECTURAL AND STRUCTURAL PLANS. IF ANY QUESTIONS ARISE CONTRACTOR SHALL CONTACT SALTBOX.

STRUCTURAL DEMOLITION NOTES:

- 1.) INSTALL TEMPORARY SHORING FOR THE EXISTING STRUCTURE THAT IS TO REMAIN BEFORE DEMOLITION PROCEEDS. THE SHORING SHALL BRACE THE EXISTING STRUCTURE AGAINST BOTH VERTICAL AND LATERAL LOADS.
- 2.) DEMOLITION SHALL TAKE PLACE FROM THE ROOF DOWN WHEN APPLICABLE. THE EXISTING STRUCTURE SHOULD BE SAW CUT AT ALL JOINTS BEFORE ANY IMPACT DEMOLITION TAKES PLACE.

DISTRICT OF COLUMBIA  
 PERMIT OPERATIONS DIVISION  
 STRUCTURAL WORK IN GENERAL  
 APPROVED SUBJECT TO THE  
 FURTHER APPROVAL OF CONSTRUCTION

3-1-18   
 Date Structural Engr. Section

REVISION	
1	09.08.17
2	02.28.18

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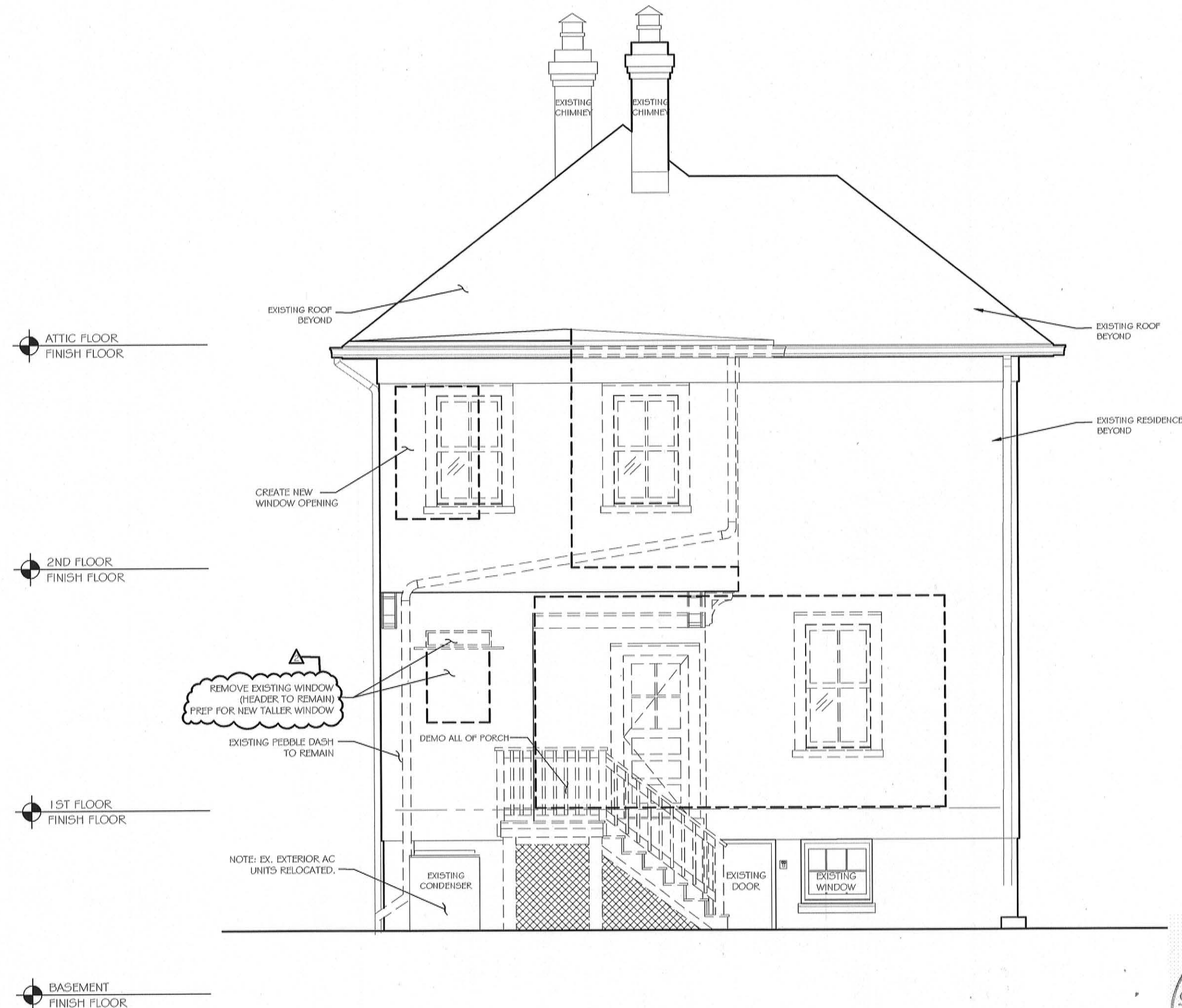
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REV.	REVISION 11-02.28.18

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 4400 ALBEMARLE STREET NW  
 WASHINGTON DC 20016

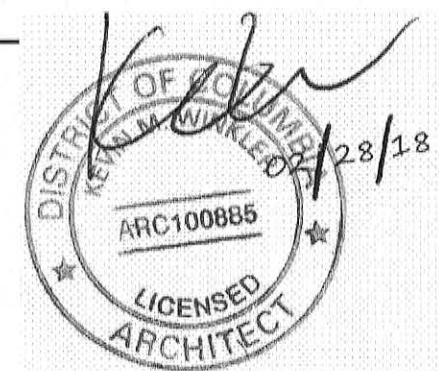
DEMOLITION-  
 EXTERIOR  
 ELEVATIONS

SHEET

**D005**






1  
 D005 DEMOLITION- EXTERIOR ELEVATION  
 SCALE: 1/4" = 1'-0"



PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT IN THE DISTRICT OF COLUMBIA, LICENSE NO. ARC100885, EXPIRATION DATE 12-30-2018.



DEMOLITION PLAN LEGEND:

-  EXISTING WALLS
-  EXISTING TO BE REMOVED AND DISPOSED OF (UNLESS NOTED)
-  NO WORK IN THIS AREA

GENERAL NOTES:

- 1.) ALL ITEMS AND MATERIALS REMOVED SHALL BE DISPOSED OF, UNLESS OTHERWISE NOTED.
- 2.) WHERE EXTERIOR WINDOWS/DOORS ARE REMOVED, COVER TEMPORARILY WITH PLYWOOD.
- 3.) DUST PARTITIONS ARE TO BE BUILT TO COORDINATE WITH WORK.
- 4.) ALL EXISTING FLOOR/FURNITURE/WALLS SHALL BE PROTECTED.
- 5.) PLUMBING FIXTURES, WINDOWS, DOORS, ETC. SHALL BE DONATED TO 'HABITAT FOR HUMANITY' OR EQUAL. CONTRACTOR IS TO ARRANGE PICK UP.
- 6.) ELECTRICAL, MECHANICAL, AND PLUMBING CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS WITH PROPOSED PLANS BEFORE WORK BEGINS.
- 7.) CONTRACTOR IS TO COORDINATE REMOVAL PLANS WITH ARCHITECTURAL AND STRUCTURAL PLANS. IF ANY QUESTIONS ARISE CONTRACTOR SHALL CONTACT SALTBOX.

STRUCTURAL DEMOLITION NOTES:

- 1.) INSTALL TEMPORARY SHORING FOR THE EXISTING STRUCTURE THAT IS TO REMAIN BEFORE DEMOLITION PROCEEDS. THE SHORING SHALL BRACE THE EXISTING STRUCTURE AGAINST BOTH VERTICAL AND LATERAL LOADS.
- 2.) DEMOLITION SHALL TAKE PLACE FROM THE ROOF DOWN WHEN APPLICABLE. THE EXISTING STRUCTURE SHOULD BE SAW CUT AT ALL JOINTS BEFORE ANY IMPACT DEMOLITION TAKES PLACE.

DISTRICT OF COLUMBIA  
PERMIT OPERATIONS DIVISION  
STRUCTURAL WORK IN GENERAL  
APPROVED SUBJECT TO THE  
FURTHER APPROVAL OF CONSTRUCTION  
3-1-18  
Date  
Structural Engr. Section

REVISION	
▲	09.08.17
▲	02.28.18

SALTBOX

ARCHITECTURE / CONSTRUCTION

1624 TAYLOR STREET, NW  
WASHINGTON, D.C. 20001  
OFFICE: 202-350-0300  
WWW.SALTBOXDESIGN.COM

PHASE	PERMIT SET	DATE	SCALE	DRAWN	REV.
		07.26.17	AS SHOWN		
				DHRT	
					REVISION II- 02.28.18

OGDEN CHANLETT-AVERY  
RESIDENCE

4400 ALBEMARLE STREET NW  
WASHINGTON DC 20016

DEMOLITION-  
EXTERIOR  
ELEVATIONS

SHEET

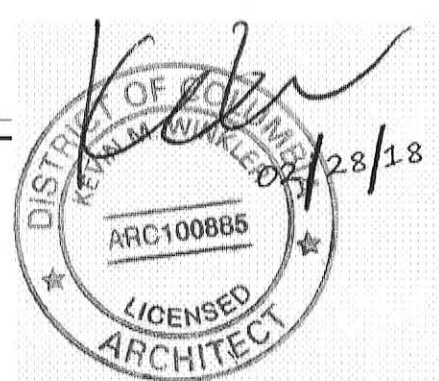
D006



1  
D006

DEMOLITION- EXTERIOR ELEVATION

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



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LICENSE NO. ARC100885, EXPIRATION DATE 12-30-2018.



PLAN LEGEND:

	EXISTING WALL
	NEW WOOD STUD WALL
	NEW CMU OR MASONRY WALL
	BATT INSULATION
	INTERIOR ELEVATION MARK
	NO WORK IN THIS AREA

EXTERIOR ELEVATION NOTES:

- 1.) ALL OF EXTERIOR SHALL BE PREPED & PAINTED.
- 2.) CONTRACTOR SHALL EXAMINE THE CONDITION OF ALL EX BUILDING MATERIAL (SIDING, TRIM, ETC).
- 3.) VERIFY EXISTING GRADE WITH STEP QTY IN FIELD.
- 4.) CONTRACTOR SHALL REMOVE EXISTING FENCES AS NEEDED AND REINSTALL AFTER CONSTRUCTION.
- 5.) OWNER SHALL BE RESPONSIBLE FOR TREE REMOVAL AS NEEDED.

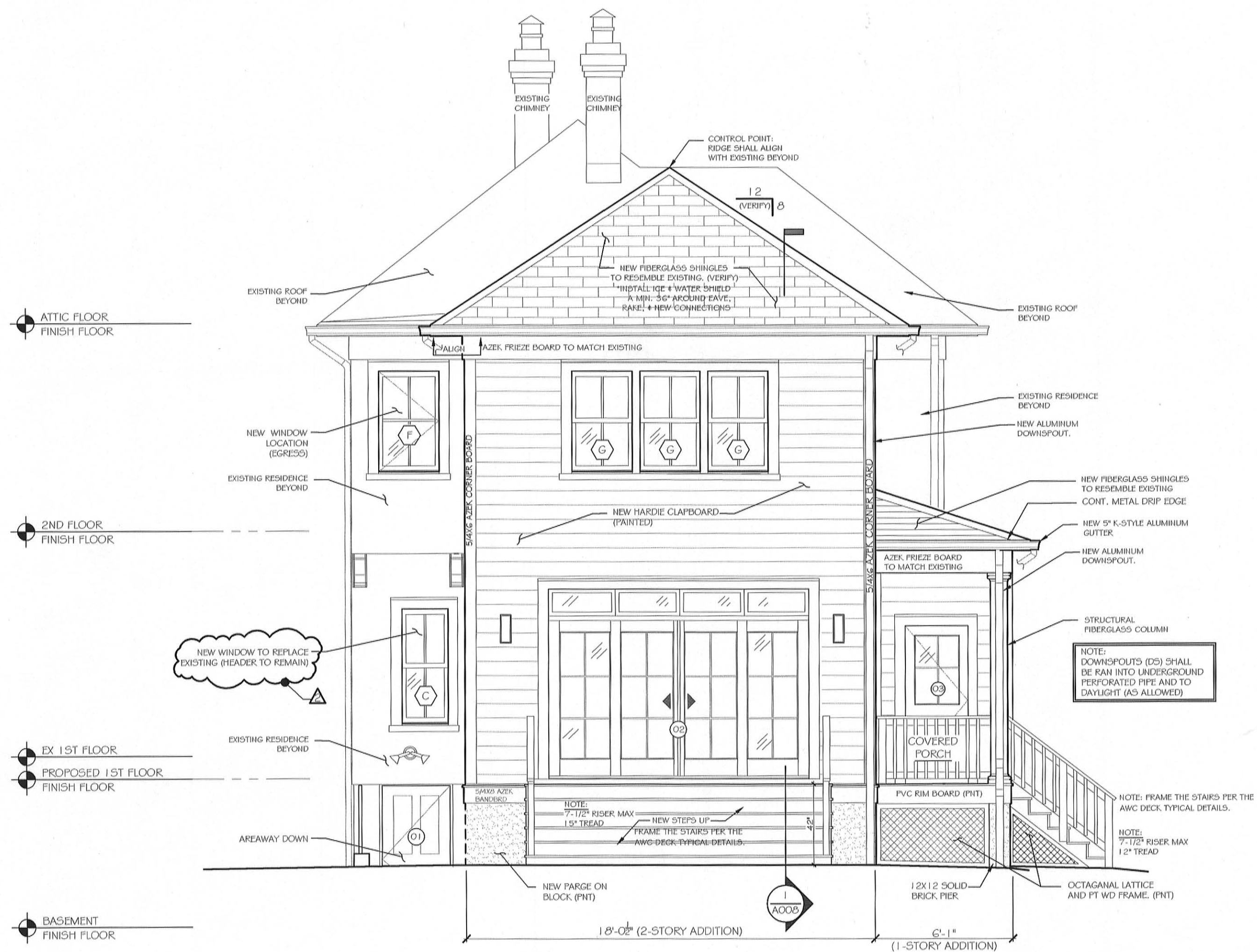
GENERAL NOTES:

- 1.) ALL DIMENSIONS ARE FROM EXISTING FINISH MATERIAL TO NEW CMU TO NEW FACE OF SHEATHING. (UNLESS NOTED OTHERWISE)
- 2.) CONTRACTORS SHALL VERIFY ALL DIMENSIONS, GRADES, & ANY OTHER SITE CONDITIONS WITH THE PROPOSED PLANS & SCHEDULES PRIOR TO COMMENCING WITH THE WORK. IF ANY DISCREPANCY EXIST, NOTIFY SALTBOX.
- 3.) CONTRACTOR IS TO COORDINATE WITH OTHER TRADES AS NEEDED TO PROPERLY PERFORM WORK AS NEEDED.
- 4.) ALL NEW BATHROOM WALLS TO RECEIVE BATT INSULATION.

DISTRICT OF COLUMBIA  
 PERMIT OPERATIONS DIVISION  
 STRUCTURAL WORK IN GENERAL  
 APPROVED SUBJECT TO THE  
 FURTHER APPROVAL OF CONSTRUCTION  
 3-1-18  
 Structural Engr. Section

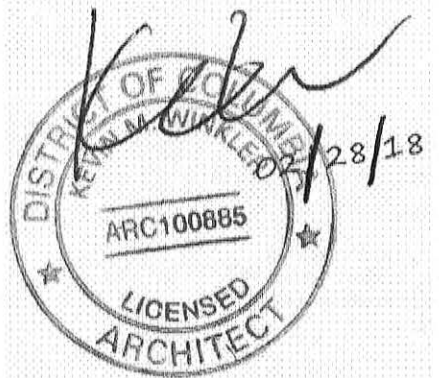
REVISION	
△	09.08.17
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**SALTBOX**  
 ARCHITECTURE / CONSTRUCTION  
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 WASHINGTON, D.C. 20001  
 OFFICE: 202-350-0300  
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1 A006 EXTERIOR ELEVATION  
 SCALE: 1/4" = 1'-0"

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DATE	07.26.17
SCALE	AS SHOWN
DRAWN	DHIRT
REV.	REVISION II-02.28.18

**OGDEN CHANLETT-AVERY**  
**RESIDENCE**  
 4400 ALBEMARLE STREET NW  
 WASHINGTON DC 20016

EXTERIOR ELEVATION  
 SHEET

**A006**