




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
 DEPARTMENT OF GENERAL SERVICES
 ARCHITECTURAL DIVISION
 3-12-18
 Structural Engr. Seoulin

REVISION	
1	09.08.17
2	02.28.18
3	03.05.18

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

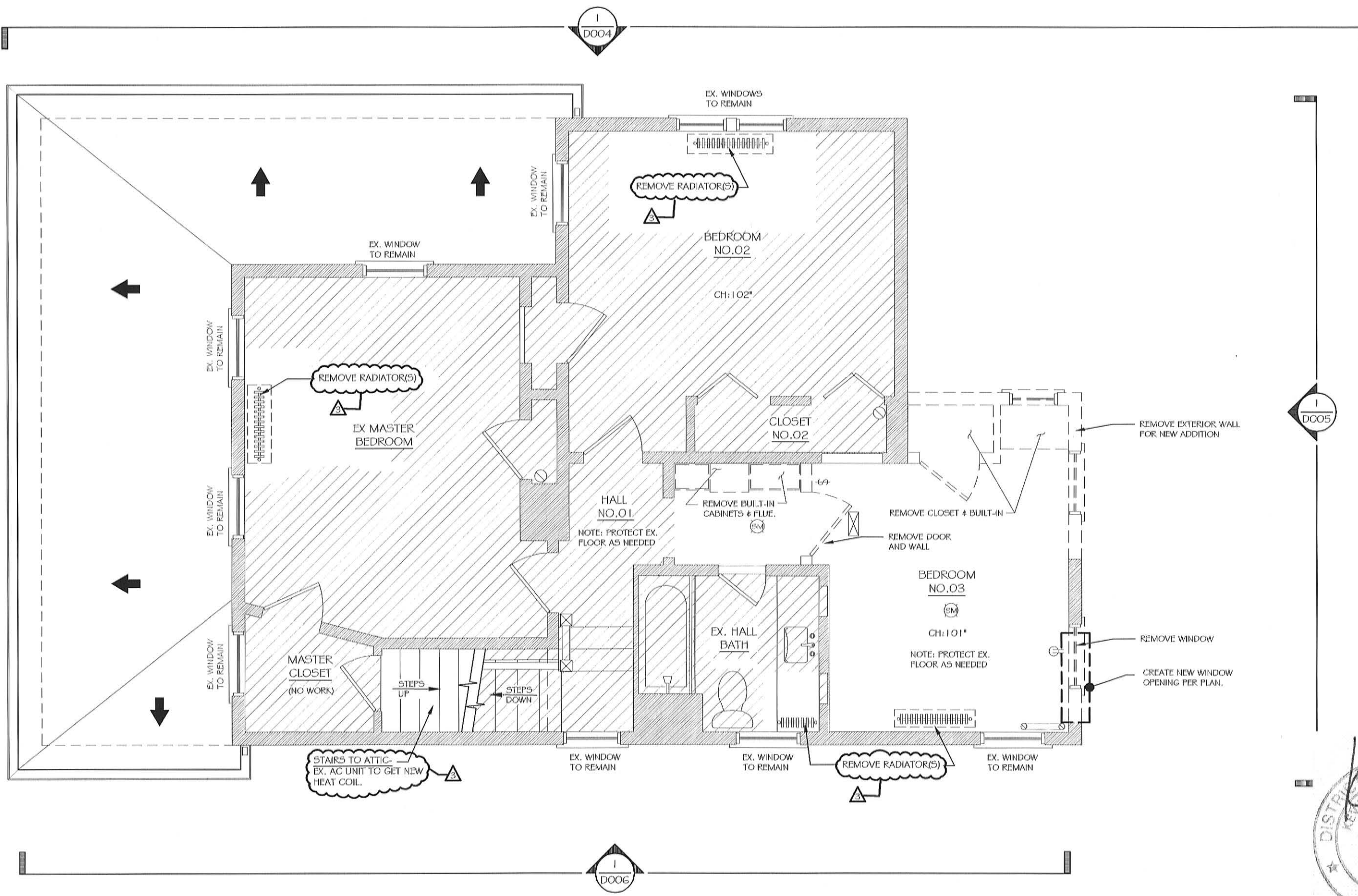
PHASE	PERMIT SET
DATE	07.26.17
SCALE	AS SHOWN
DRAWN	DHIRT
REV.	REVISION III- 03.05.18

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

DEMOLITION-
 SECOND FLOOR
 PLAN

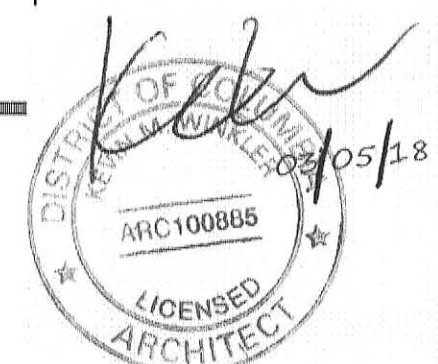
SHEET

D003



DEMOLITION- SECOND FLOOR PLAN
 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.



Board of Zoning Adjustment
 District of Columbia
 CASE NO. 19777
 EXHIBIT NO. 25A2

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

LIGHTING SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	EXISTING LIGHT FIXTURE
	NEW RECESSED LIGHT FIXTURE
	NEW SURFACE MOUNTED LIGHT
	NEW PENDANT LIGHT
	NEW INTERIOR/EXTERIOR WALL SCONCE
	NEW FLUORESCENT LIGHT
	EXHAUST FAN
	UNDER CABINET LIGHT
	SMOKE DETECTOR, HARDWIRED WITH BATT. BACKUP
	CARBON MONOXIDE ALARM
	CEILING SPEAKER

ELECTRICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH, 48" A.F.F.
	THREE-WAY SWITCH, 48" A.F.F.
	FOUR-WAY SWITCH, 48" A.F.F.
	SINGLE POLE DIMMER SWITCH, 48" A.F.F.

POWER SYMBOLS LEGEND

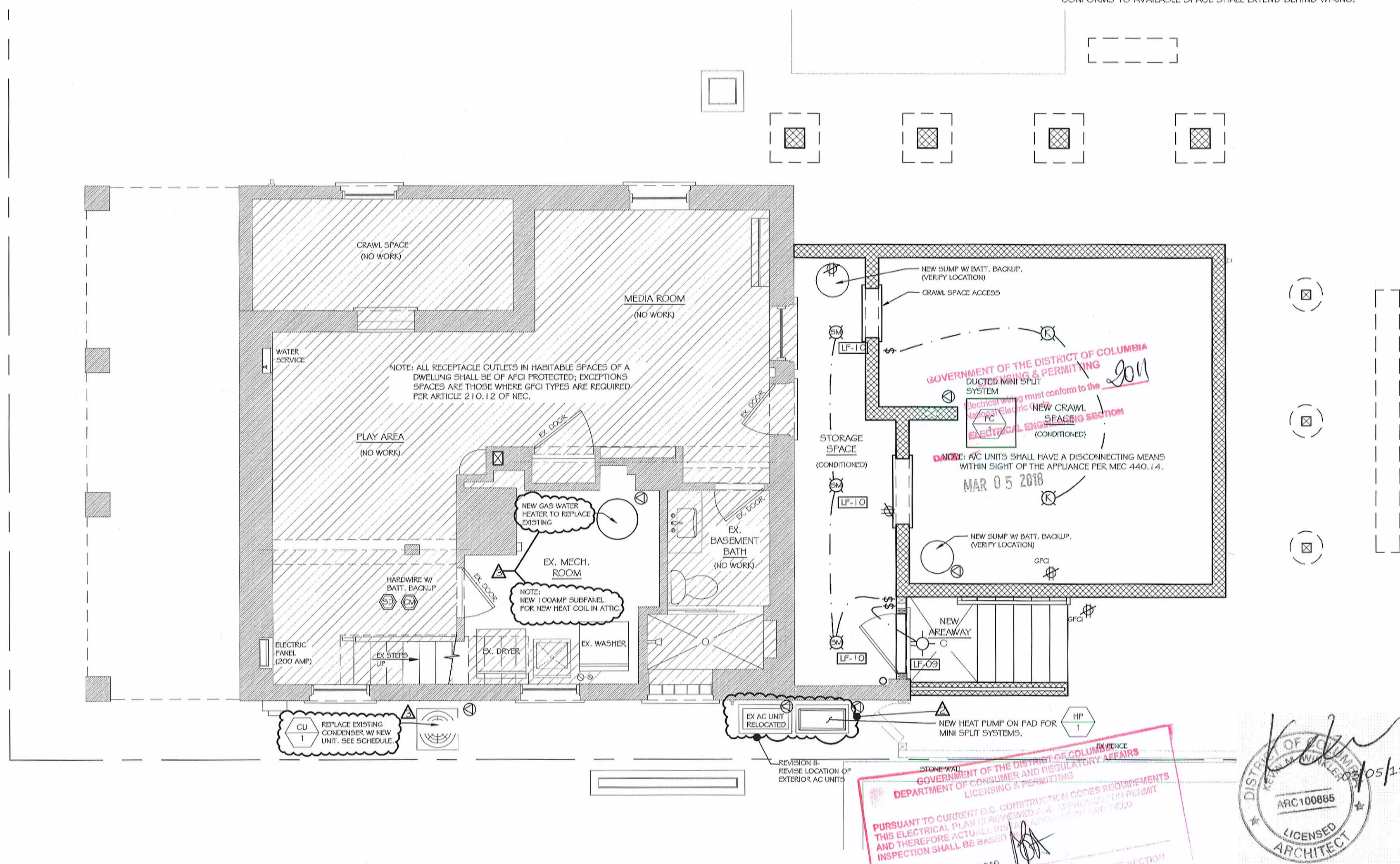
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE OUTLET (E=EXISTING)
	DUPLEX REC. W/GROUND FAULT INTERRUPTER
	RECEPTACLE WATER PROOF
	FLR MOUNTED DUPLEX RECEPTACLE OUTLET
	DEDICATED EQUIPT. RECEPTACLE
	UNDERCABINET GFI PLUGMOLD
	COAX CABLE
	CAT6 CABLE
	THERMOSTAT

ELECTRICAL GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LOCAL CODES, REGULATIONS & ORDINANCES. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND PAY ALL FEES RELATIVE TO THE INSTALLATION OF HIS WORK.
- THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY SURVEY ALL EXISTING CONDITIONS.
- SECURITY SYSTEM BY OWNER.
- ALL RECEPTACLE OUTLETS IN HABITABLE SPACES OF A DWELLING SHALL BE OF AFCI PROTECTED; EXCEPTIONS SPACES ARE THOSE WHERE GFCI TYPES ARE REQUIRED PER ARTICLE 210.12 OF NEC.
- AC UNITS SHALL HAVE A DISCONNECTING MEANS WITHIN SIGHT OF THE APPLIANCE PER MEC 440.1.4.
- PROVIDE GFI WITH WEATHERPROOF COVER ON THE EXTERIOR WITHIN 25FT OF THE EXTERIOR AIR CONDITIONING EQUIPMENT PER NEC 208.63.

AIR BARRIER AND INSULATION NOTES

- PER TABLE R403.4.1.1 (2012 IECC)
- RECESSED LIGHTING
RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT, IC RATED, AND SEALED TO THE DRYWALL.
 - ELECTRICAL/PHONE BOX ON EXTERIOR
THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR SEALED BOXES SHALL BE INSTALLED.
 - WIRING
BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND WIRING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND WIRING.



1 E001 ELECTRICAL- BASEMENT/CRAWL SPACE PLAN
SCALE: 1/4"=1'-0"

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS
LICENSING & PERMITTING
PURSUANT TO CURRENT D.C. CONSTRUCTION CODES REQUIREMENTS
THIS ELECTRICAL PLAN IS REVIEWED AND APPROVED FOR PERMIT
AND THEREFORE ACTUALLY IS AN APPROVED PLAN FIELD
INSPECTION SHALL BE BASED
MAR 05 2018
SIGNED: [Signature]
ELECTRICAL ENGINEERING SECTION!
PROFESSIONAL CERTIFICATION:
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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.

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	09.08.17
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	03.05.18

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WASHINGTON, D.C. 20001

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

ELECTRICAL
BASEMENT/
CRAWLSPACE
PLAN
SHEET

E001

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

LIGHTING SYMBOLS LEGEND	
	EXISTING LIGHT FIXTURE
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	NEW PENDANT LIGHT
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	EXHAUST FAN
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AIR BARRIER AND INSULATION NOTES

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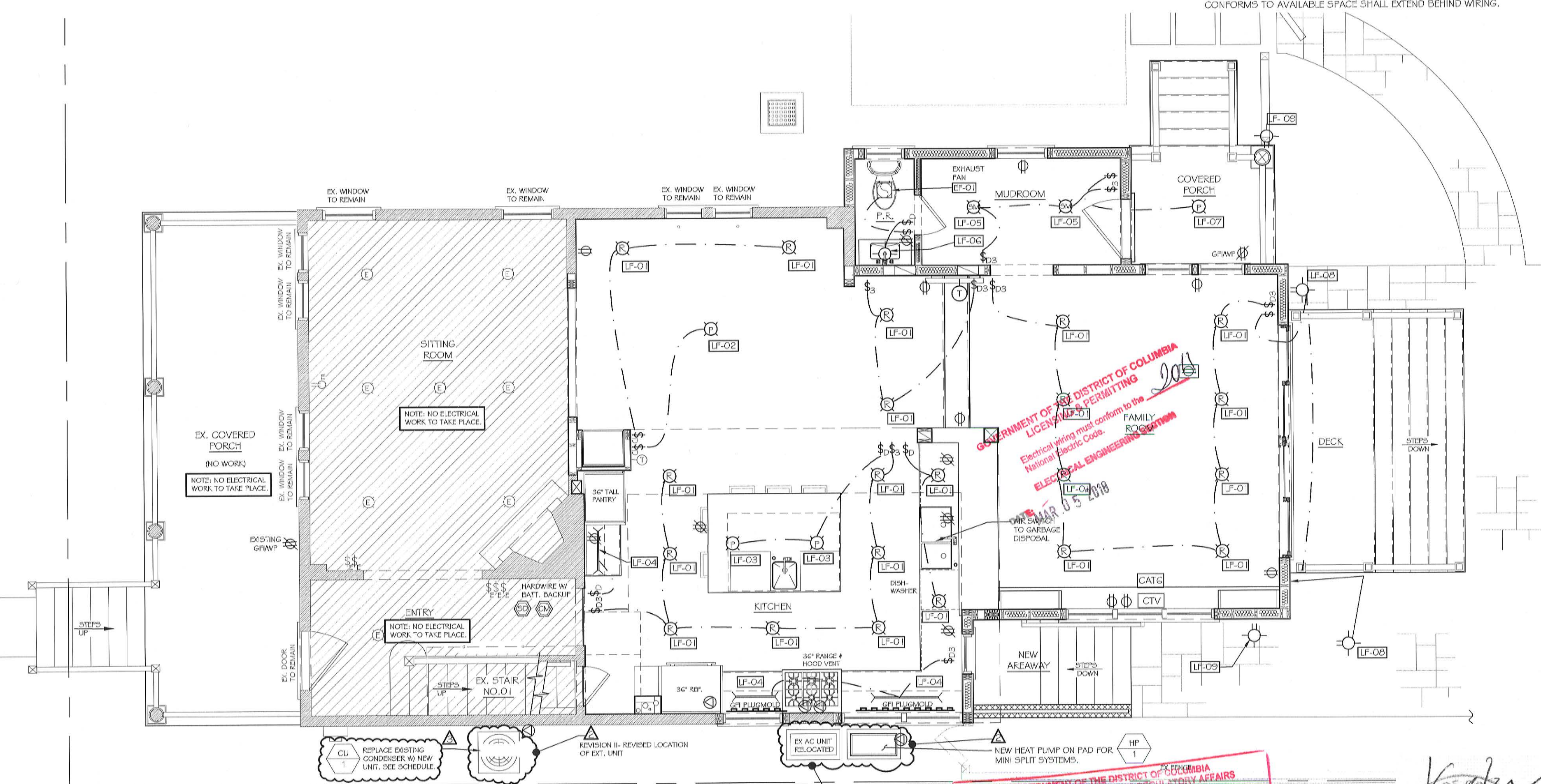
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ELECTRICAL
 FIRST FLOOR
 PLAN
 SHEET

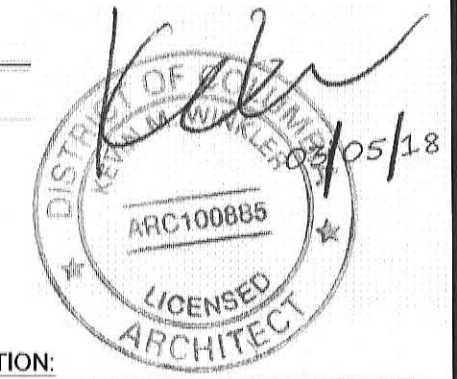
E002



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

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS
LICENSING & PERMITTING
 PURSUANT TO CURRENT D.C. CONSTRUCTION CODES REQUIREMENTS
 THIS ELECTRICAL PLAN IS REVIEWED AND APPROVED FOR PERMIT
 AND THEREFORE ACTUAL INSTALLATION SHALL BE FIELD
 INSPECTION SHALL BE BASED ON IT.
 MAR 05 2018
 SIGNED: [Signature]
 ELECTRICAL ENGINEERING SECTION

PROFESSIONAL CERTIFICATION:
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PLAN LEGEND

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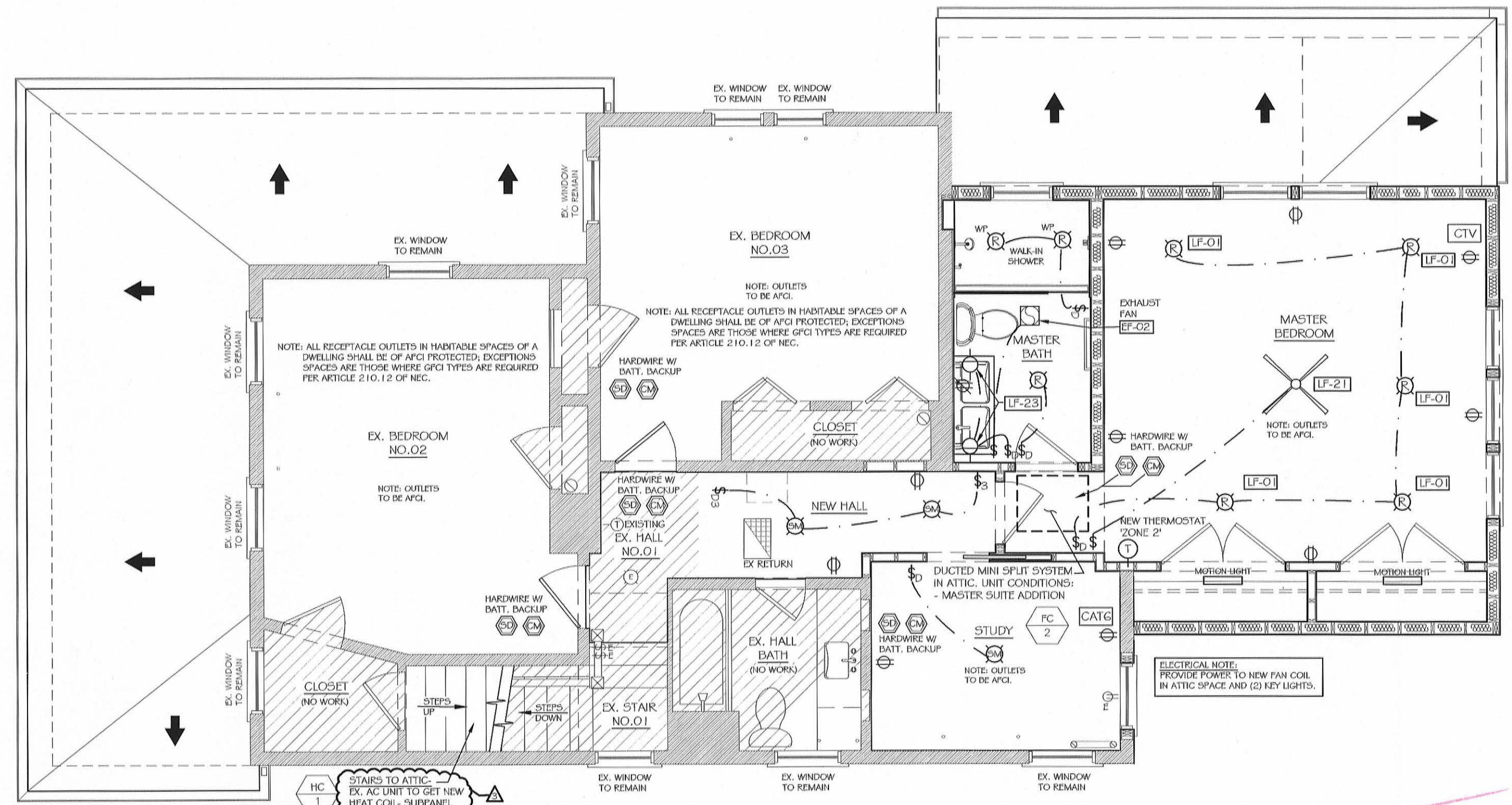
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1 ELECTRICAL- SECOND FLOOR PLAN
E003 SCALE: 1/4"=1'-0"

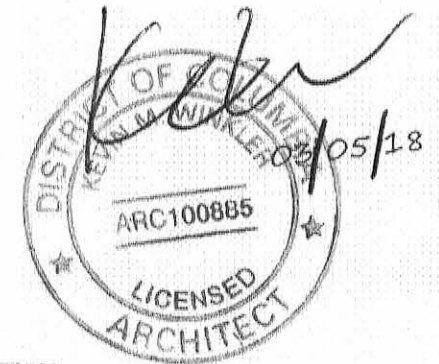


GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS
LICENSING & PERMITTING

PURSUANT TO CURRENT D.C. CONSTRUCTION CODES REQUIREMENTS
THIS ELECTRICAL PLAN IS REVIEWED AND APPROVED FOR THE CITY OF WASHINGTON
AND THEREFORE ACTUALLY INSTALLED AND INSPECTED BY THE CITY OF WASHINGTON
INSPECTION SHALL BE BASED ON THE INFORMATION PROVIDED TO THE CITY OF WASHINGTON

MAR 05 2018

ELECTRICAL ENGINEER FOR INSPECTION



PROFESSIONAL CERTIFICATION:
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OGDEN CHANLETT-AVERY
RESIDENCE
4400 ALBEMARLE STREET NW
WASHINGTON DC 20016

ELECTRICAL
SECOND FLOOR
PLAN

SHEET

E003

Electrical Panel Schedule (Existing)												
X	Fully Rated	Series Rated	Bus: 120/240			X	Iso. Gnd. Bus	10 3 Wire: 200 Amp			Main C.B. 200 Amp	
Load Type	Circuit Description	CONN KVA	Circuit Breaker			PH	Circuit Breaker			CONN KVA	Circuit Description	Load Type
			Amp	Pole	CKT		CKT	Pole	Amp			
	A/C		30		1	A	2	50			Range	
			30		3	B	4	50				
	A/C Unit		30		5	A	6	30			Dryer	
			30		7	B	8	30				
	Heat		15		9	A	10	20			Kitchen GFCI	
			15		11	B	12	20			AC	
	Garbage Disposal		20		13	A	14	20			Basement Outlets	
	Dishwasher		20		15	B	16	40			Bath GFCI	
	Receptacles/Lights		20		17	A	18	20			AC	
	Ref.		20		19	B	20	40			Bath GFCI	
	Receptacles/Lights		15		21	A	22	15			Receptacles/Lights	
	Receptacles/Lights		15		23	B	24	15			Washing Machine	
	Rec. Bedroom		20		25	A	26	15			Receptacles/Lights	
	Subpanel		50		27	B	28	30			Basement Lights	
			50		29	A	30	30			Smoke detectors	

Panel Board Notes: Provide ARC Fault Circuit Breakers per code.

LIGHTING SCHEDULE									
Room	Callout	Fixture Type	Manufacturer	Model #	Qty	Lamp	Color	Comments	
First Floor									
Throughout	LF-01	Recessed Lights	Lightolier	2005	per plan	LED	White	3-3/4" LV (Allow : \$15 per LED bulb)	
Dining Room	LF-02	Pendant	TBS	---	1	LED	---		
Kitchen	LF-03	Pendant	TBS	---	2	LED	---		
	LF-04	Undercabinet Lights	TBS	---	1	LED	---		
Mudroom	LF-05	Surface Mount	TBS		2	LED			
Powder Room	LF-06	Sconce	TBS		1	LED			
Covered Porch	LF-07	Ext. Surface Mount	TBS		1	---	---		
Rear Deck	LF-08	Exterior Sconce	TBS		2	LED	---		
Exterior	LF-09	Exterior Floods	TBS		2	---	---		
Areaway	LF-10	Surface Mount	TBS		3	LED	---		
Second Floor									
Master Bedroom	LF-01	Recessed Lights	Lightolier	2005	per plan	LED	White	3-3/4" LV (Allow : \$15 per LED bulb)	
New Hall & Laundry	LF-20	Surface Mount	TBS		3	LED	---	Allow \$150/each	
Master Bedroom	LF-21	Ceiling Fan/Light	TBS		1	LED	---	Allow \$250	
Master Closet	LF-22	Surface Mount	TBS		2	LED	---	Allow \$75/each	
Master Bath	LF-23	Sconce	TBS		2	LED	---	Allow \$150/each	
Exterior	LF-24	Flood w/ motion	TBS		2	---	---	Allow \$100/each	

Note: Per IECC 404.1- 75% of all lamps shall be high-efficiency

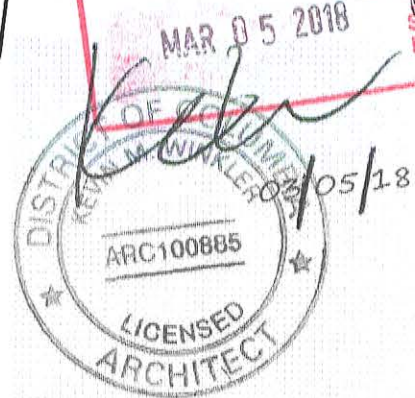
Electrical Subpanel Schedule (NEW)												
X	Fully Rated	Series Rated	Bus: 120/240			X	Iso. Gnd. Bus	Subpanel 100 Amp				
Load Type	Circuit Description	CONN KVA	Circuit Breaker			PH	Circuit Breaker			CONN KVA	Circuit Description	Load Type
			Amp	Pole	CKT		CKT	Pole	Amp			
	New HVAC		30	2	1	A	2	50	15		Kitchen Lights	
			30		3	B	4	50	20		Kitchen GFCI	
					5	A	6	30				
					7	B	8	30				
					9	A	10	30				
					11	B	12	30				
					13	A	14	30				
					15	B	16	40				
					17	A	18	30				
					19	B	20	30				

Panel Board Notes: Provide ARC Fault Circuit Breakers per code.

PURSUANT TO CURRENT D.C. CONSTRUCTION CODES REQUIREMENTS THIS ELECTRICAL PLAN IS REVIEWED AND APPROVED FOR PERMIT AND THEREFORE ACTUAL INSTALLATION WORK AND FIELD INSPECTION SHALL BE BASED ON IT.

MAR 05 2018

SIGNED: [Signature] ELECTRICAL ENGINEERING SECTION



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

ELECTRICAL
LIGHTING AND
PANEL SCHEDULE

SHEET

E100

PLAN LEGEND

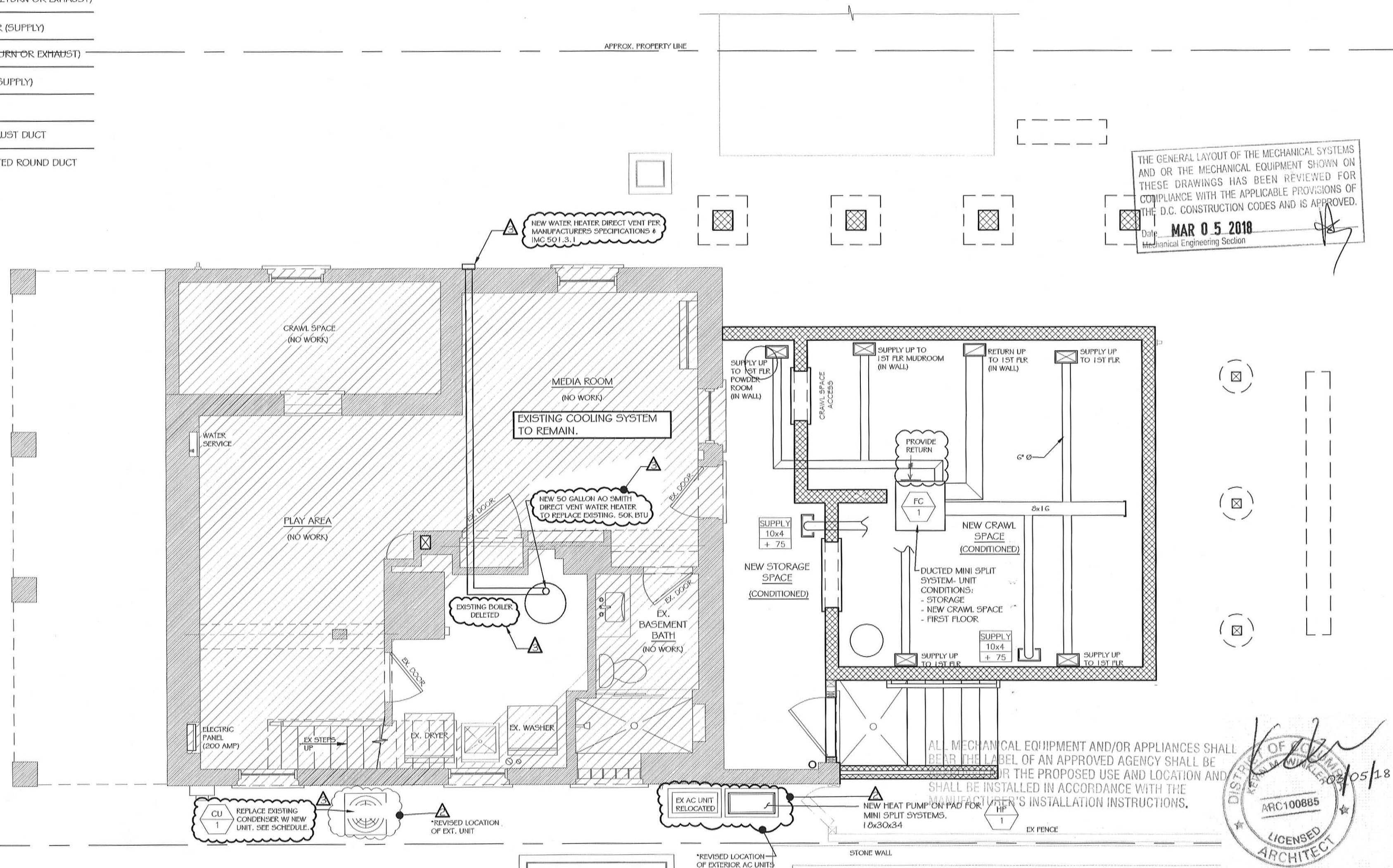
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	BATT INSULATION
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MECHANICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	UNIT TYPE UNIT SIZE EQUIPMENT IDENTIFICATION
	TYPE CFM AIR DISTRIBUTION DEVICE ID. + SUPPLY, - RETURN OR EXHAUST
	THERMOSTAT @ 4' A.F.F.
	C.E.G. CEILING GRILLE (RETURN OR EXHAUST)
	C.E.R. CEILING REGISTER (SUPPLY)
	W.G. WALL GRILLE (RETURN OR EXHAUST)
	W.R. WALL REGISTER (SUPPLY)
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	FLEXIBLE INSULATED ROUND DUCT

MECHANICAL GENERAL NOTES:

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- 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 MI 503.4 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.



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

REVISION	
1	09.08.17
2	02.28.18
3	03.05.18

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DATE	07.26.17
SCALE	AS SHOWN
DRAWN	DHIRT
REV.	REVISION III-03.05.18

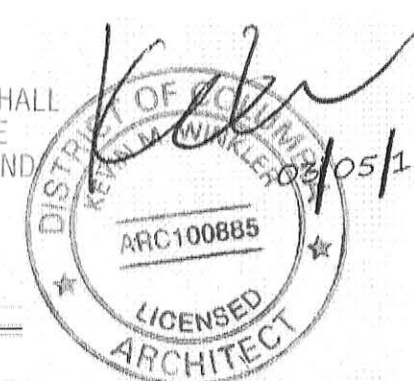
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 4400 ALBEMARLE STREET NW
 WASHINGTON DC 20016

MECHANICAL BASEMENT/ CRAWL SPACE PLAN
 SHEET

M001

MECHANICAL- BASEMENT/CRAWLSPACE PLAN
 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.



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.
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REVISION III- MECHANICAL SCOPE OF WORK:

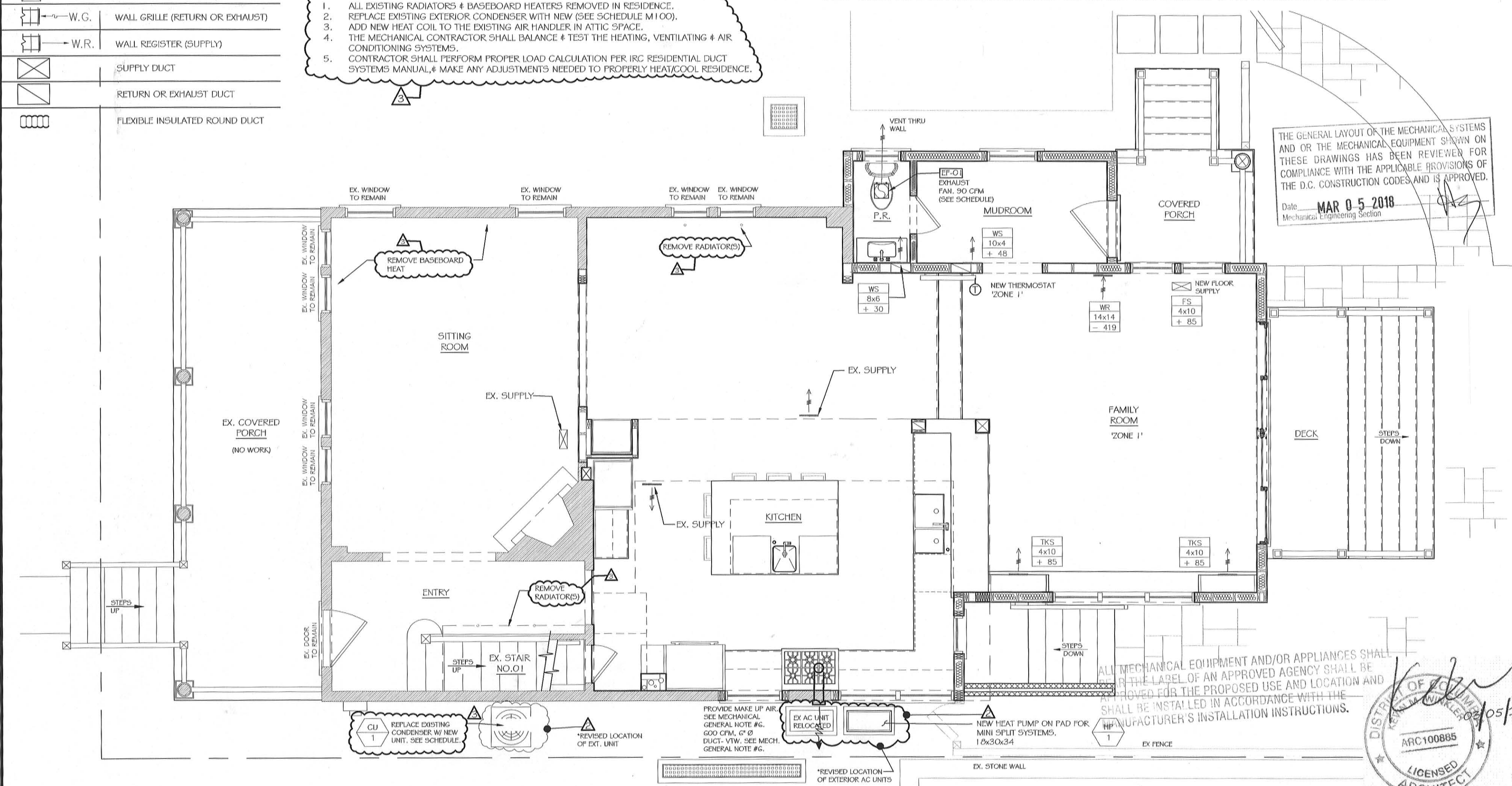
- CONVERT EXISTING A.C. SYSTEM TO PROPERLY HEAT & COOL EXISTING RESIDENCE.
- ALL EXISTING RADIATORS & BASEBOARD HEATERS REMOVED IN RESIDENCE.
 - REPLACE EXISTING EXTERIOR CONDENSER WITH NEW (SEE SCHEDULE M100).
 - ADD NEW HEAT COIL TO THE EXISTING AIR HANDLER IN ATTIC SPACE.
 - THE MECHANICAL CONTRACTOR 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, 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.
 - 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.
 - FAN SHALL BE U.L. LISTED FOR USE OVER BATHTUBS AND SHOWERS WHEN CONNECTED TO A GFCI PROTECTED BRANCH CIRCUIT (CEILING MOUNT ONLY).
- EXHAUST FAN EF-2:
 - THE UNIT WILL HAVE A CONTROL THAT WILL AUTOMATICALLY TURN FAN ON WHEN HUMIDITY INCREASE IS RAPID TO MODERATE (USER ADJUSTABLE), OR WHEN HUMIDITY IS HIGHER THAN USER-ADJUSTABLE SET-POINT (50%-80% RELATIVE HUMIDITY), OR WHEN SUPPLY POWER IS CYCLED FROM ON (FOR MORE THAN A SECOND) TO OFF (FOR LESS THAN A SECOND) AND BACK ON. IT SHALL BE USER-ADJUSTABLE TO TURN OFF 5 TO 60 MINUTES AFTER HUMIDITY HAS STABILIZED AND IS BELOW USER-ADJUSTABLE SET-POINT, OR AFTER MANUALLY INITIATED BY SUPPLY POWER CYCLING.
 - 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

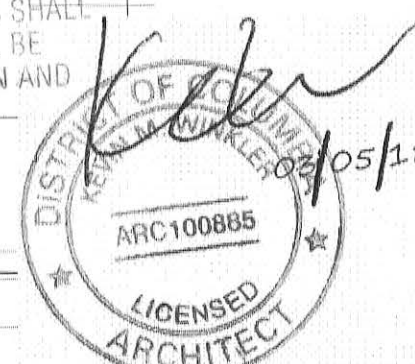


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Date: **MAR 05 2018**
Mechanical Engineering Section

MECHANICAL- FIRST FLOOR PLAN
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MECHANICAL
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SHEET

M002