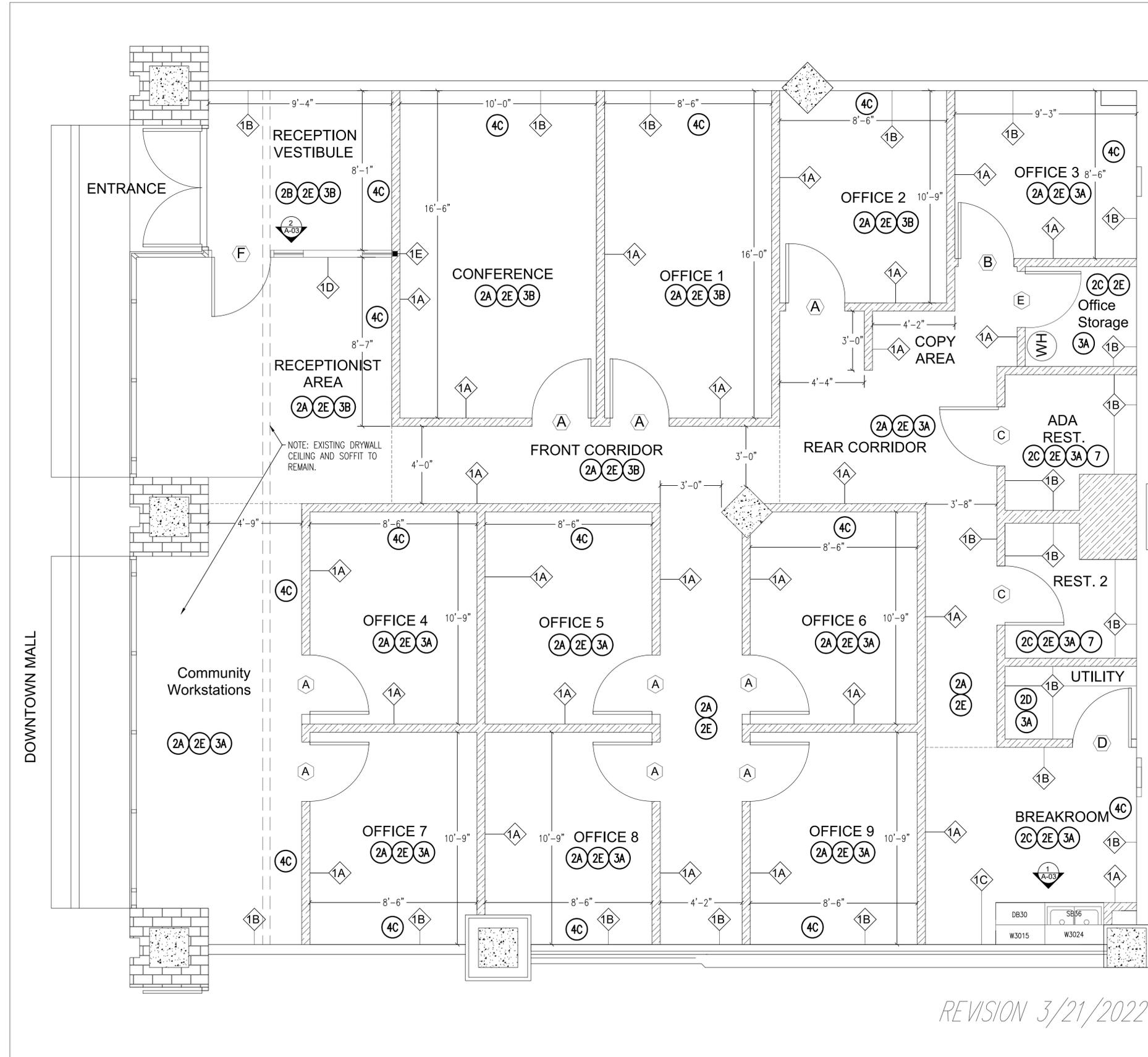


1 NEW CONSTRUCTION PLAN
A-01 SCALE 3/8" = 1'-0" ON ARCH D (24" X 36")



CONSTRUCTION SPECIFICATION & NOTES:

- 1. WALLS AND STOREFRONT CONSTRUCTION:**
NEW WALLS - CONSTRUCT NEW WALLS UTILIZING 3 5/8" LIGHT GAUGE METAL FRAMING (16" O.C.). EXTEND WALLS 6" ABOVE CEILING HEIGHT (8'-0" A.F.F.) AND FASTEN TOP TO DECK ABOVE AND TO OUTER WALLS.
1A- INSULATION - INSTALL INSULATION IN ALL NEW WALL CAVITIES. WALL INSULATION IS TO BE "ACOUSTIC SOUND PROOFING" BATT INSULATION TO PROVIDE THE FULL WALL ASSEMBLY A SOUND BLOCKING LEVEL OF A MINIMUM OF STC50 RATING. ACCEPTABLE MANUFACTURERS: JOHNS MANVILLE MINERAL WOOL SOUND ATTENUATION FIRE BATTS, ROCKWOOL, OR APPROVED EQUAL.
WALL COVERING - INSTALL 5/8" DRYWALL TO BOTH SIDES OF WALLS. TAPE & FINISH ALL DRYWALL TO A LEVEL 5 FINISH (READY TO ACCEPT PRIMER & PAINT).
1B - OUTER WALLS: PATCH ALL EXISTING WALLS AS NEEDED. INSTALL NEW DRYWALL (IF REQUIRED) TO MATCH EXISTING THICKNESS(S). FINISH NEW OR PATCH DRYWALL TO A LEVEL 5 (READY TO ACCEPT PRIMER & PAINT).
1C - BREAK ROOM SIDE WALL (AS INDICATED): INSTALL WOOD BLOCKING FOR NEW BASE AND WALL CABINETS. INSTALL 5/8" DRYWALL. TAPE & FINISH TO LEVEL 4.
1D - ALUMINUM STOREFRONT: INSTALL CUSTOM ALUMINUM 1 3/4" X 2 1/4" STOREFRONT WITH TUBULAR FRAME SIMILAR TO TUBELITE 4500 OR KAWNEER TRIFAB 400, DARK BRONZE ANODIZED FRAMING SYSTEM OR APPROVED EQUAL. REFER TO A-03 FOR ELEVATION.
1E - ALUMINUM STOREFRONT SUPPORT: INSTALL 3"X3" X 0.25" WALL A500 SQUARE STEEL TUBE/POST TO PROVIDE SUPPORT FOR NEW STOREFRONT. SUPPORT TO BE INSTALLED INSIDE THE NEW 3 5/8" METAL FRAMING. FASTEN AT TOP & BOTTOM WITH 5/8" DIAMETER HILTI HUS SCREW BOLTS W/ 2 3/8" MIN EMBEDMENT INTO EXISTING CONCRETE SLAB.
NOTE: SUBMITTALS REQUIRED. REFER TO SUBMITTAL SCHEDULE SHEET A-03.
- 2. FLOORING**
2A - OFFICES, CONFERENCE ROOM, OPEN AREA, & CORRIDORS: INTERFACE COMMON THEME CARPET TILE. SEE SUBMITTAL SCHEDULE S6A & S6B FOR DETAILS.
2B - RECEPTION VESTIBULE: FORBO CORAL BRUSH CARPET TILE.
2C - RESTROOM, BREAK ROOM, & OFFICE STORAGE: FORBO MARMOLEUM MODULAR TILE
2D - EXISTING CONCRETE FLOOR.
2E - COVE BASE: INSTALL JOHNSONITE TRADITIONAL RUBBER WALL BASE ON ALL WALLS.
NOTE: SUBMITTALS REQUIRED FOR ALL FLOORING AND BASE. REFER TO SUBMITTAL SCHEDULE SHEET A-03.
- 3. CEILINGS**
3A- CEILING GRID & TILE: INSTALL 24" X 24" ACT TILES, ARMSTRONG TUNE TEGULAR TILES (1774) UTILIZING THE PRELUDE 1 5/8" SUSPENSION SYSTEM.
3B - CEILING GRID & SOUNDPROOFING TILES: INSTALL 24" X 24" ACT TILES, ARMSTRONG LYRA HIGH CAC #8730 PF TEGULAR TILES UTILIZING THE PRELUDE 1 5/8" SUSPENSION SYSTEM.
NOTE 1: SUBMITTALS REQUIRED. REFER TO SUBMITTAL SCHEDULE SHEET A-03.
NOTE 2: DRYWALL CEILING & SOFFIT ON MAIN STREET SIDE TO BE RETAINED.
- 4. PAINTING:**
APPLY PRIMER AND TOPCOATS UTILIZING LOW-VOC PRODUCT MANUFACTURED BY BENJAMIN MOORE, SHERWIN WILLIAMS, GLIDDEN PROFESSIONAL, OR PPG INDUSTRIES. ALL SURFACE PREPARATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. APPLY NOT LESS THAN 2 COATS OR MORE IF REQUIRED TO PROVIDE ADEQUATE COVERAGE FOR A DURABLE FINISH.
4A - WALLS (NEW AND RETAINED DRYWALL) - APPLIES TO ALL WALLS. LOCATIONS NOT MARKED ON PLAN.
4B - CEILING PAINT - ALL DRYWALL CEILINGS. LOCATIONS NOT MARKED ON PLAN. SEE SHEET A-02 FOR EXTENT OF DRYWALL CEILING.
4C - ACCENT WALLS - LOCATIONS AS DENOTED ON 1-A-01
4D - DOORS, FRAMES, & JAMBS - NOT MARKED ON PLAN.
NOTE: SUBMITTALS REQUIRED. REFER TO SUBMITTAL SCHEDULE SHEET A-03 FOR ADDITIONAL DETAILS.
- 5. DOORS, FRAMES, HARDWARE, AND ACCESSORIES:**
PROVIDE & INSTALL NEW DOORS. DOOR TYPE MARKED AT OPENING - SEE SHEET A-03 FOR DETAILS & SUBMITTAL SCHEDULE.
- 6. CABINET AND COUNTERTOPS:** INSTALL NEW KITCHEN CABINETS & COUNTERTOP. KITCHEN CABINETS AND COUNTERTOPS ARE TO BE OF A SIMILAR STYLE AND QUALITY AS MID-CONTINENT CABINERY, WHITE THERMOFOIL, WITH CONCORD DOOR STYLE. SQUARE EDGE LAMINATE COUNTERTOP WITH 4" BACKSPASH. REFER TO ITEM 1B FOR CABINET BLOCKING.
NOTE: SEE SHEET A-03 FOR ELEVATIONS FOR DETAILS.
- 7. RESTROOM ACCESSORIES:** PROVIDE & INSTALL THE FOLLOWING ACCESSORIES:
7A - TOILET PAPER & PAPER TOWEL DISPENSERS - CONTRACTOR TO INSTALL CITY PROVIDED.
7B - MIRRORS - BOBRICK B290 1836
7C - GRAB BARS - 42" - BOBRICK B5806X42, 36" B5806X36
- 8. MECHANICAL / HVAC:** REFER SHEET M-01 & M-02 FOR DETAILS.
- 9. ELECTRICAL, DATA, & FIRE ALARM:** REFER TO SHEET E-01 FOR NEW ELECTRICAL WORK.
- 10. PLUMBING:** REFER TO SHEET D-01 FOR DEMO DETAIL AND SHEET P-01 FOR PLUMBING DETAILS.

GENERAL NOTES:

NOTE 1: ALL DIMENSIONS ARE TO BE FIELD VERIFIED BY CONTRACTOR.

Date: 3/7/2022

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MSPG LOWER LEVEL OFFICE UP-FIT

507 E. MAIN ST. CHARLOTTESVILLE, VA 22902

NEW CONSTRUCTION PLAN

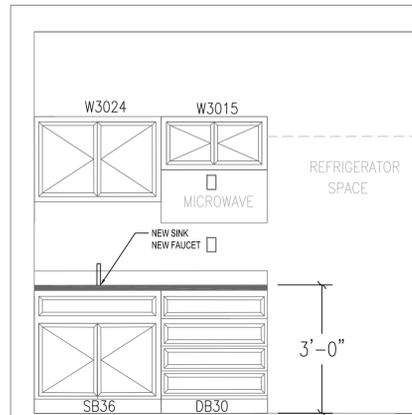
THE CITY OF
CHARLOTTESVILLE

Department of Public Works
 Facilities Development
 305 4th Street, N.W.
 Charlottesville, VA 22903



"A World Class City"

1 KITCHEN CABINETRY ELEVATION
A-03 SCALE 1/2" = 1'-0" ON ARCH D (24" X 36")



SUPPLY & INSTALL NEW KITCHEN CABINETS AS SHOWN IN 1/A04.

CABINETS ARE TO BE OF A SIMILAR STYLE & QUALITY AS; MID-CONTINENT CABINETRY, WHITE THERMOFOIL WITH CONCORD DOOR STYLE.

SUPPLY & INSTALL NEW SQUARE EDGE LAMINATE COUNTERTOP WITH 4" BACK SPLASH. PROVIDE SAMPLE FOR SELECTION.

SUPPLY & INSTALL NEW KITCHEN SINK: AMERICAN STANDARD - COLONY SINGLE BOWL, 25"X22"X8".

SUPPLY & INSTALL NEW KITCHEN FAUCET: DELTA ESSA PULL-DOWN KITCHEN FAUCET WITH MAGNETIC DOCKING SPRAY HEAD. MODEL# 9113-DST. CHROME

MICROWAVE WILL BE PROVIDED BY THE CITY. CONTRACTOR TO INSTALL.

IF DIMENSIONS OF CABINETRY PROPOSED BY CONTRACTOR DIFFER FROM THAT SHOWN, THE CONTRACTOR IS TO INFORM THE CITY PROJECT MANAGER FOR REVIEW.

DOOR, AND FRAMES GENERAL SPECIFICATIONS

- The contractor shall furnish all labor, installation, supervision, equipment, tools, parts, materials to provide all doors, frames, storefront as shown in the design drawings and specifications herein and in accordance with manufacturer's installation manuals, service manuals and/or industry's best practices.

- Each opening must be ADA compliant.

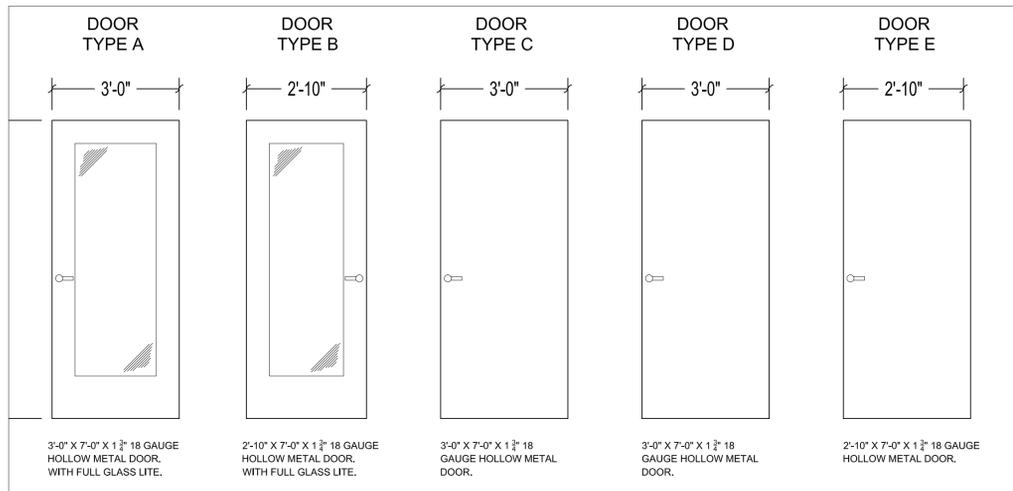
Hollow Metal Frames

- Provide commercial grade steel frames for each opening.
- Frames shall be in accordance with Steel Door Institute (SDI), UL & ANSI specifications.
- Frames shall be constructed of a minimum 16 gauge steel.
- Provide hollow metal welded frame. All visible seams & joints shall be seamless.
- Frames shall be factory prepped to receive all hardware listed in "Door Hardware Specifications" and any incidental hardware required.

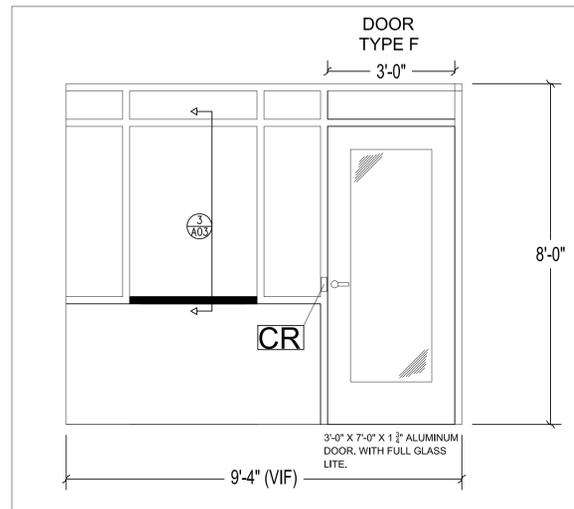
Hollow Metal Doors

- Provide commercial grade hollow metal doors for each opening.
- Doors shall be in accordance with Steel Door Institute (SDI), UL & ANSI specifications.
- Doors shall be 1 3/4" thick.
- Doors shall be constructed of a minimum 18 gauge.
- Doors shall be factory prepped to receive all hardware listed in "Door Hardware Specifications" and any incidental hardware required.
- Doors that require it shall have a factory prepped raceway as required to transfer wire through the doors to electrified hardware.
- Doors that require it shall have reinforcements to accommodate panic hardware, mortise lock body, door closer, mortise hinges any other reinforcements recommended by SDI to accommodate hardware listed in "Door Hardware Specifications".
- Doors shall be full flush & seamless without any visible seams along the vertical edges.
- Doors shall be thoroughly cleaned and chemically treated to ensure paint adhesion. All surfaces of the door exposed to view shall receive a factory applied coat of rust inhibiting primer, either air-dried or baked-on. Doors shall be finished, primed and ready to paint once project is complete.

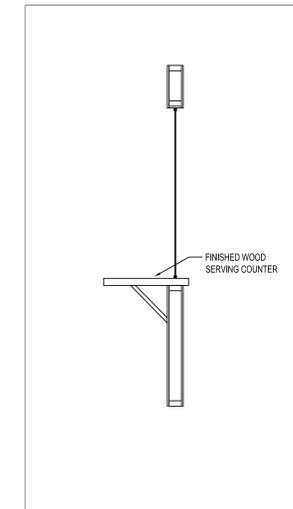
2 DOOR ELEVATIONS
A-03 SCALE 1/2" = 1'-0" ON ARCH D (24" X 36")



2 RECEPTION STOREFRONT
A-03 SCALE 1/2" = 1'-0" ON ARCH D (24" X 36")



3 RECEPTION SECTION
A-03 SCALE 1/2" = 1'-0" ON ARCH D (24" X 36")



SUBMITTAL SCHEDULE

ID	DWG SHEET	ITEM #	WORK ITEM	MANUFACTURER	MODEL/SPECIF DETAILS	COLOR OR SAMPLE	SHOP DWG REQUIRED	NOTES:
S1	A-01	1A	INSULATION	JOHNS MANVILLE	MINERAL WOOL			
S2	A-01	1D	ALUMINUM STOREFRONT	TUBELITE/KAWNEER	4500/400		X	
S3	A-01	1E	ALUM. STOREFRONT SUPPORT	AS SPECIFIED			X	
S4	A-01	7A	RESTROOM MIRRORS	BOBRICK	B290 1836			
S5	A-01	7B	RESTROOM GRAB BARS	BOBRICK	B5806X42 & B5806X36			
S6A	A-01	2A	CARPET TILE - OPEN AREAS	INTERFACE	COMMON THEME			CT101, STYLE: 146250250H, COLOR: 103972 ONYX, SIZE: 50CMx50CM, NON DIRECTIONAL
S6B	A-01	2A	CARPET TILE OFFICES	INTERFACE	COMMON THEME			CT102, STYLE: 142570250H, COLOR: 103985 STEEL, SIZE: 50CMx50CM, QUARTER-TURN
S7	A-01	2B	CARPET TILE	FORBO	CORAL BRUSH	SAMPLE		RECEPTION VESTIBULE
S8	A-01	2C	MODULAR TILE	FORBO	MARMOLEUM MODULAR	SAMPLE		RESTROOMS, BREAK ROOM, OFFICE STORAGE
S9	A-01	2E	COVE BASE	JOHNSONITE	TRADITION RUBBER	SAMPLE		
S10	A-01	3A, 3B	CEILING GRID	ARMSTRONG	15/16" SUSPENSION SYSTEM	WHITE		
S11	A-01	3A	CEILING TILES	ARMSTRONG	TUNE TEGULAR 1774	WHITE		
S12	A-01	3B	CEILING TILES SOUND ATTENUATING	ARMSTRONG	LYRA HIGH CAC 8730	WHITE		
S13	A-01	4A	WALL PAINT	AS SPECIFIED - A-01 #4	SEE NOTES	PROVIDE		MATTE FINISH, RESTROOMS - SEMI-GLOSS
S14	A-01	4B	CEILING PAINT	AS SPECIFIED - A-01 #4	CEILING	WHITE		CEILING WHITE
S15	A-01	4C	WALL PAINT - ACCENT	AS SPECIFIED - A-01 #4	MATTE FINISH	PROVIDE		COLOR TO BE DETERMINED
S16	A-01	4D	PAINT - DOORS, FRAMES, TRIM	AS SPECIFIED - A-01 #4	SEMI-GLOSS FINISH	PROVIDE		COLOR TO BE DETERMINED
S17	A-01, A-03	5A-5F	DOORS & HMF	AS SPECIFIED			X	REFER TO #A-01 & SHEET A-03
S18	A-03	5A-5F	DOOR HARDWARE	AS SPECIFIED				REFER TO #A-01 & SHEET A-03
S19	A-01, A-03	6	CABINET & COUNTERTOPS	AS SPECIFIED			X	REFER TO #A-01 & SHEET A-03
S20	M-02	H1	INSULATION	AS SPECIFIED				
S21	M-02	H2	FLEXIBLE DUCT & DAMPER	AS SPECIFIED				
S22	M-02	H3	SUPPLY DIFFUSERS	TITUS	OMNI-NT	WHITE		SUSPENDED CEILINGS
S23	M-02	H4	SUPPLY DIFFUSERS	TITUS	OMNI	WHITE		DRYWALL CEILINGS TRIM KIT - TRM
S24	M-02	H5	RETURN AIR DIFFUSERS	TITUS	PXP			SUSPENDED CEILINGS
S25	M-02	H8	VAV BOX	VAV BOX & T-STAT	ENVIRO-TECH AIR SDR-EH			ELECTRIC REHEAT VAV BOX - SIZE 6
S26	E-01	E1	LIGHTING FIXTURES	SEE LIGHTING SCHEDULE				
S27	E-01	E2	LIGHTING CONTROLS	SEE LIGHTING SCHEDULE				
S28	E-01	E5	EMERGENCY LIGHTING	SEE LIGHTING SCHEDULE				
S29	E-01	E6	RECESSED POWER & DATA BOX	LEGRAND	RFB11	WHITE		INSTALLED IN FLOOR
S30	P-01	P1A	COMMODOES	AMERICAN STANDARD	CADET FLOWISE	WHITE		PRESSURE ASSISTED 1.1GPF - ELONGATED
S31	P-01	P1B	TOILET SEATS	AMERICAN STANDARD	INCLUDE WITH COMMODE	WHITE		MUST BE ADA COMPLIANT
S32	P-01	P2A	SINKS	AMERICAN STANDARD	DECORUM 9134001EC.20	WHITE		
S33	P-01	P3	NEW WATER HEATER	US CRAFTMASTER	ELF50RD045V			
S34	P-01	PSA	KITCHEN SINK	AMERICAN STANDARD	COLONY SINGLE BOWL			25"X22"X8"
S35	P-01	PSB	KITCHEN SINK FAUCET	DELTA	ESSA MODEL 9113-DST			PULL-DOWN FAUCET
S36	P-01	P6A	MOP SINK	FIAT	TSB-200 24"X24"			STOCKTON TERRAZO MOP BASIN
S37	P-01	P6B	MOP SINK FAUCET	AMERICAN STANDARD	8344-212-004			STRAIGHT SERVICE SINK FAUCET

DOOR SPECIFICATIONS												
DOOR TYPE	MATERIAL	SIZE			FRAME			FIRE RATING	HARDWARE SET	GLAZING	NOTES	
		HEIGHT	WIDTH	THICKNESS	TYPE	THROAT	JAMB WIDTH					PROFILE
A	HM	7'-0"	3'-0"	0' - 1 3/4"	HM	0'- 4 7/8"	0'- 5 3/4"	DOUBLE RABBET	-	1	YES	FULL GLASS LITE
B	HM	7'-0"	2'-10"	0' - 1 3/4"	HM	0'- 4 7/8"	0'- 5 3/4"	DOUBLE RABBET	-	1	YES	FULL GLASS LITE
C	HM	7'-0"	3'-0"	0' - 1 3/4"	HM	0'- 4 7/8"	0'- 5 3/4"	DOUBLE RABBET	-	2	NO	
D	HM	7'-0"	3'-0"	0' - 1 3/4"	HM	0'- 4 7/8"	0'- 5 3/4"	DOUBLE RABBET	-	3	NO	
E	HM	7'-0"	2'-10"	0' - 1 3/4"	HM	0'- 4 7/8"	0'- 5 3/4"	DOUBLE RABBET	-	3	NO	
F	AL	7'-0"	3'-0"	0' - 1 3/4"	STOREFRONT				-	4	YES	FULL GLASS LITE

DOOR HARDWARE SCHEDULE									
HARDWARE SET	HINGES	LOCKSET	PUSH BAR	CYLINDER	CLOSER	KICK PLATES	STOPS	ACCESS CONTROLS	MISC
1	IVES 5BB1 4.5" x 4.5" 626	SCHLAGE ND53LD ATH 626	-	SCHLAGE 40-100 T124 626	-	IVES 8400 10" X 36"	ROCKWOOD 445	-	-
2	IVES 5BB1 4.5" x 4.5" 626	SCHLAGE ND40S	-	-	LCN 4040XP H 689	IVES 8400 10" X 36"	ROCKWOOD 445	-	-
3	IVES 5BB1 4.5" x 4.5" 626	SCHLAGE ND10S	-	-	-	IVES 8400 10" X 36"	ROCKWOOD 445	-	-
4	IVES 5BB1 4.5" x 4.5" NRP 626	TBD	-	TBD	LCN 4040XP SCUSH - 689	IVES 8400 10" X 36"	ROCKWOOD 445	NIC. SEE NOTE #1 BELOW	-

NOTES

#1 - THE CITY OF CHARLOTTESVILLE WILL BE USING THEIR OWN DIRECT CONTRACTOR TO SUPPLY & INSTALL THE ACCESS CONTROLS ON THE RECEPTION STOREFRONT DOOR (E) (HW SET 4). IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO COORDINATE THIS INSTALLATION AS PART OF THE PROJECT. IT IS ALSO THE GENERAL CONTRACTORS RESPONSIBILITY TO PROVIDE ALL NECESSARY CONDUITS AND PATHWAYS REQUIRED FOR THIS INSTALLATION AND MAKE GOOD ANY DISTURBED FINISHES ONCE THE INSTALLATION IS COMPLETE.

#2 - ALL MANUFACTURERS & MODEL NUMBERS GIVEN IN THE DOOR HARDWARE SCHEDULE ARE PREFERRED BY THE OWNER. ANY SUBSTITUTION REQUEST MUST BE SUBMITTED TO THE OWNER NO LATER THAN 5 DAYS PRIOR TO THE BID OPENING.

REVISION 3/21/2022

Date: 3/7/2022

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A-03

MARKET ST GARAGE LOWER LEVEL OFFICE UP-FIT
507 E. MAIN ST. CHARLOTTESVILLE, VA 22902

ELEVATIONS & SCHEDULES

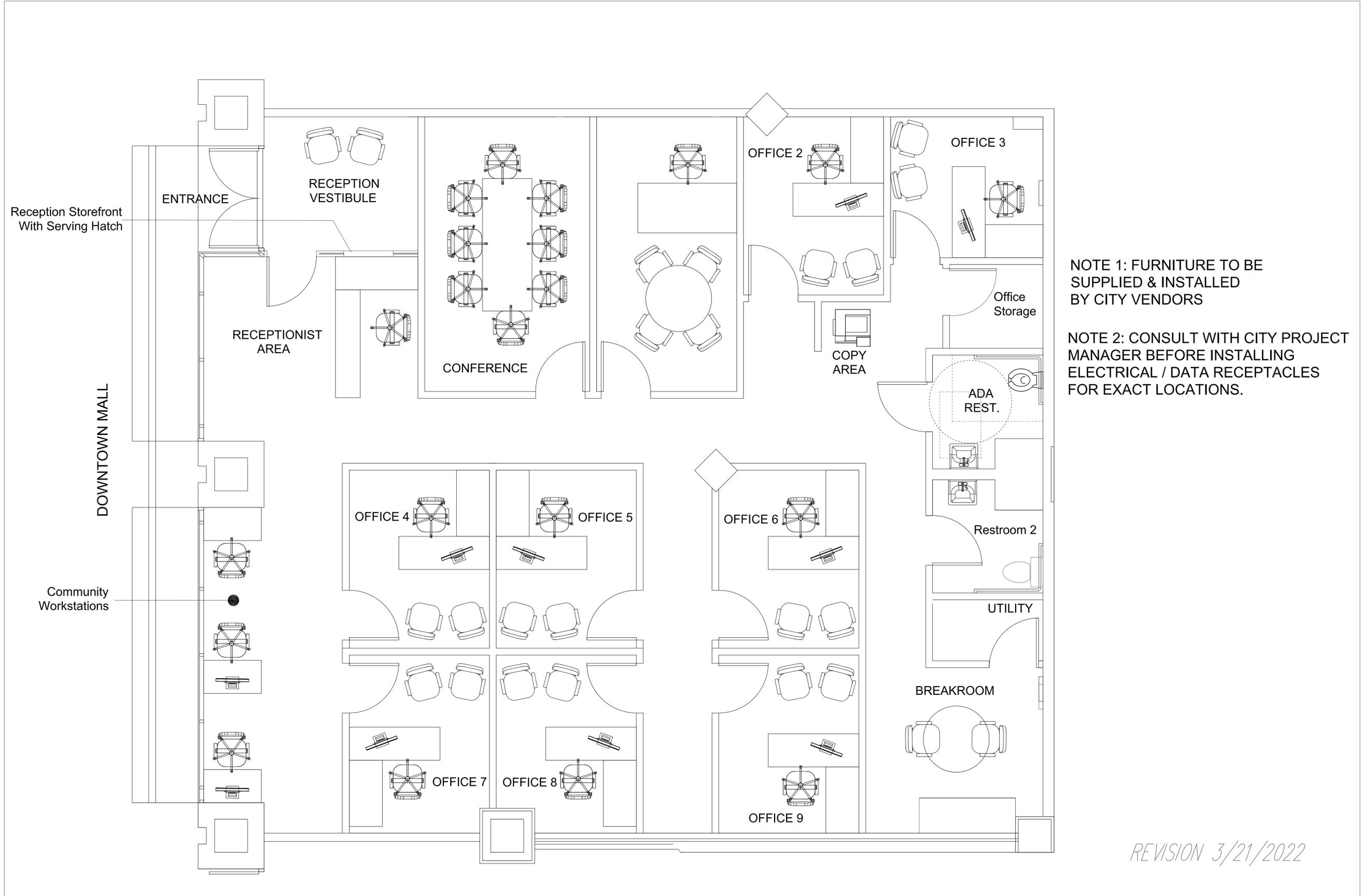
THE CITY OF CHARLOTTESVILLE

Department of Public Works
Facilities Development
305 4th Street, N.W.
Charlottesville, VA 22903



"A World Class City"

1 FURNITURE LAYOUT
 A-04 SCALE 3/8" = 1'-0" ON ARCH D (24" X 36")



NOTE 1: FURNITURE TO BE SUPPLIED & INSTALLED BY CITY VENDORS

NOTE 2: CONSULT WITH CITY PROJECT MANAGER BEFORE INSTALLING ELECTRICAL / DATA RECEPTACLES FOR EXACT LOCATIONS.

REVISION 3/21/2022

Date: 3/7/2022

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A-04

MARKET ST GARAGE LOWER LEVEL OFFICE UP-FIT
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FURNITURE PLAN

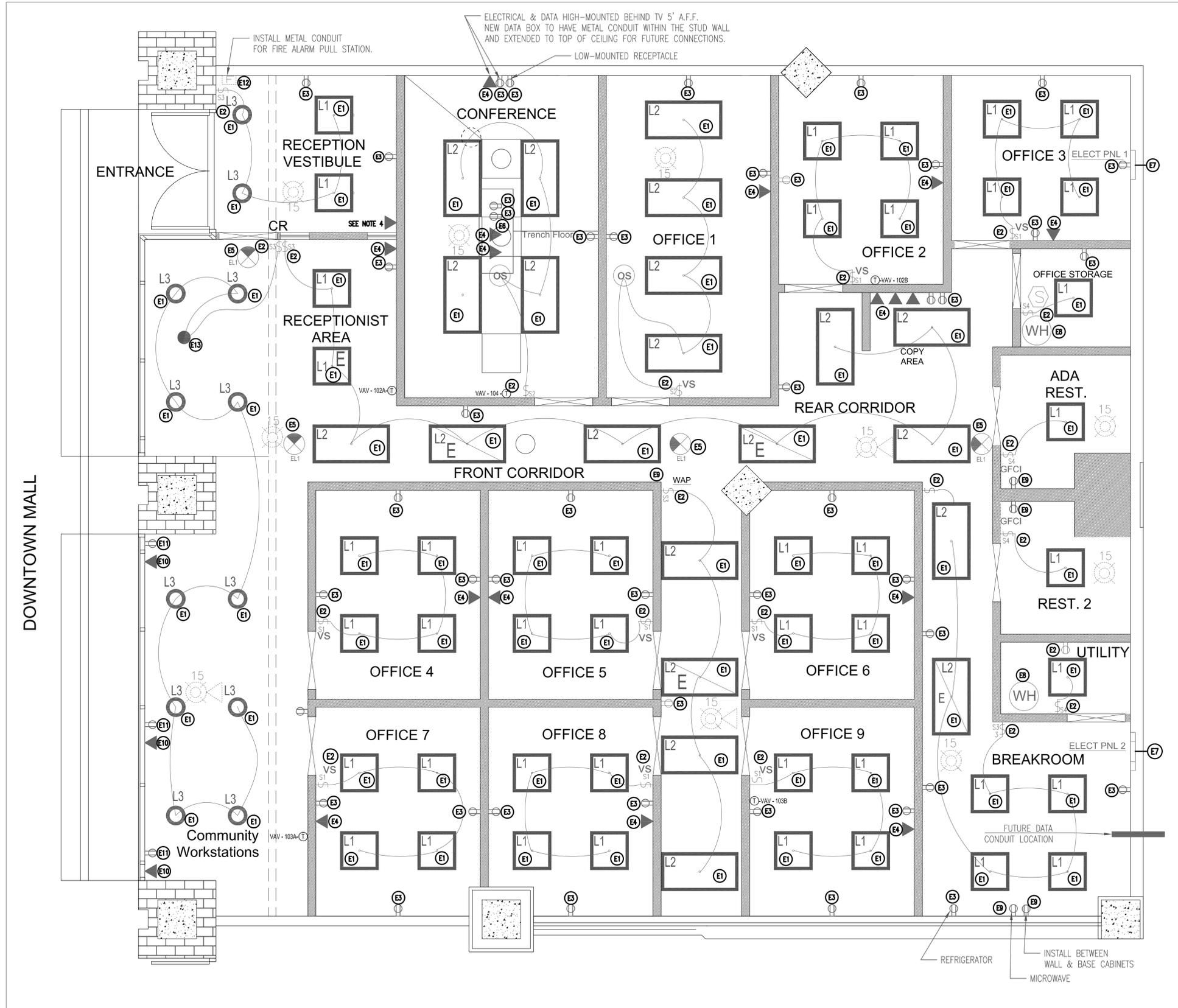
THE CITY OF CHARLOTTESVILLE

Department of Public Works
 Facilities Development
 305 4th Street, N.W.
 Charlottesville, VA 22903



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1 ELECTRICAL / DATA / FIRE ALARM PLAN
E-01 SCALE 3/8" = 1'-0" ON ARCH D (24" X 36")



ELECTRICAL, DATA, & FIRE ALARM SPECIFICATIONS & NOTES:

REMOVE ALL REMAINING LIGHT FIXTURES IF INSTALLED. PROVIDE & INSTALL NEW ELECTRICAL SWITCHES, RECEPTACLES, LIGHTING, LIGHTING CONTROLS, CONDUIT, AND ALL NECESSARY WIRING AS PER THE FOLLOWING SPECIFICATIONS:

E1 - NEW LIGHT FIXTURES- PROVIDE & INSTALL NEW LED LIGHT FIXTURES IN LOCATIONS DETAILED ON 1/E-01 AND AS PER THE LIGHTING AND CONTROL SCHEDULE. REFER TO A-02 RCP FOR CEILING GRID LAYOUT.

E2 - LIGHTING CONTROLS - PROVIDE & INSTALL NEW LIGHTING CONTROLS AT LOCATIONS DETAILED ON 1/E-01 AND AS PER THE LIGHTING AND CONTROL SCHEDULE.

E3 - NEW ELECTRICAL RECEPTACLES: PROVIDE & INSTALL NEW DUPLEX RECEPTACLES AT LOCATIONS DETAILED ON 1/E-01. CONNECT TO EXISTING ELECTRICAL SERVICE PANELS. ALL RECEPTACLES TO MEET ELECTRICAL CODE REQUIREMENTS.

E4 - NEW DATA BOX: PROVIDE & INSTALL NEW DATA RECEPTACLE BOX AND METAL CONDUIT ABOVE CEILING FOR FUTURE DATA CABLE INSTALLATION BY OTHERS.

E5 - EMERGENCY LIGHTING: PROVIDE & INSTALL EMERGENCY LIGHTING AT LOCATIONS DETAILED ON 1/E-01 AND AS PER THE LIGHTING AND CONTROL SCHEDULE.

E6 - PROVIDE & INSTALL A LEGRAND RFB11 A/V RECESSED POWER RECEPTACLE AND DATA BOX (OR APPROVED EQUAL). SAW-CUT THROUGH CONCRETE SLAB TO INSTALL THE BOX AND CONDUIT TO THE WALL AS INDICATED. RUN DATA CONDUIT TO THE TOP OF THE WALL FOR FUTURE DATA CONNECTIONS. THE NEW BOX WILL ACCOMMODATE 2 ELECTRICAL RECEPTACLES AND 2 DATA PORTS. EXACT LOCATION WILL MARKED BY CITY PROJECT MANAGER PRIOR TO INSTALLATION. PATCH CONCRETE FLOOR AS REQUIRED TO ACCEPT NEW CARPET TILES.

E7 - ELECTRICAL PANELS - CONNECT ALL NEW CIRCUITS TO THE EXISTING ELECTRIC PANELS. PROVIDE AND INSTALL NEW CIRCUIT BREAKERS IF NECESSARY TO MEET ELECTRICAL CODE REQUIREMENTS.

E8 - WATER HEATERS - PROVIDE AND INSTALL NEW WIRING TO CONNECT NEW AND EXISTING WATER HEATERS AS NECESSARY.

E9 - GFCI ELECTRICAL RECEPTACLES: PROVIDE & INSTALL NEW DUPLEX RECEPTACLES AT LOCATIONS DETAILED ON 1/E-01. INSTALL GFCI RECEPTACLES TO MEET ELECTRICAL CODE REQUIREMENTS. NOTE: RESTROOM GFCI RECEPTACLES ARE LOW-MOUNTED FOR FAUCET PLUG IN.

E10 - DATA CONNECTION BOX (MALL SIDE LOCATIONS) - PROVIDE DATA BOX UTILIZING WIRE MOLDING TO ALLOW FUTURE CONNECTIONS BY OTHERS.

E11 - NEW ELECTRICAL RECEPTACLE: PROVIDE & INSTALL NEW DUPLEX RECEPTACLE AT LOCATIONS DETAILED ON 1/E-01. UTILIZE WIRE MOLDING AT THIS LOCATION. COLOR TO BE DETERMINED.

E12 - INSTALL METAL CONDUIT AND MOUNTING BOX FOR THE RELOCATION OF THE FIRE ALARM PULL STATION IN LOCATION INDICATED ON 1/E-01 AND SHEET F-01.

E13 - DAYLIGHT SENSOR: PROVIDE AND INSTALL WIRED DAYLIGHT PHOTOCCELLSENSOR AT LOCATION DETAILED ON 1/E-01. CONNECT TO LIGHT L3.

E14 - HVAC VAV BOX WIRING (NOT MARKED ON DRAWING): PROVIDE & INSTALL ELECTRICAL PANEL CONNECTION AND WIRING FOR NEW VAV BOX. SEE SHEET M-02, ITEM H8.

ELECTRICAL NOTES:

NOTE 1 - FIRE ALARM SYSTEM TO BE SUPPLIED AND INSTALLED BY OTHERS. DEVICE LOCATIONS SHOWN FOR CLARITY. REFER TO RCP A-02 FOR LEGEND.

NOTE 2 - INCLUDE NEW WIRING AND MISCELLANEOUS MATERIALS FOR A COMPLETE INSTALLATION.

NOTE 3 - CONTRACTOR IS TO CONSULT WITH CITY PROJECT MANAGER TO MARK EXACT LOCATIONS OF ALL ELECTRICAL RECEPTACLES AND DATA BOXES PRIOR TO INSTALLATION.

NOTE 4 - FUTURE CAMERA LOCATION BY OTHERS.

NOTE 5 - ALL ELECTRICAL WORK SHALL MEET CODE REQUIREMENTS.

LIGHTING & CONTROLS SCHEDULE			
DWG MARK	QUANTITY	MANUFACTURER	MODEL
L1	40	LITHONIA	CPX2X2AL07SWW7M4
L2	25	LITHONIA	CPX2X4AL08SWW7M2
L3	12	LITHONIA	WF6 LED 40K 90CRI MW M6
EL1	4	EATON	SURE-LITE APCH SERIES 7R
S1	8	LUTRON	MAESTRO MS-Z-101-WH
S2	2	LUTRON	MAESTRO-MRF2-6CL-WH
S3	6	LUTRON	MAESTRO MA-PRO-WH
S4	4	LUTRON	MAESTRO MS-OPSSM-WH*
OS	2	LUTRON	LRF2-OCR2B-P-WH
DS	1	LUTRON	EC-DIR-WH

NOTE: IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE OCCUPANCY SENSOR SWITCH IN BATHROOMS TIE IN WORK WITH EXISTING EXHAUST FAN.

Date: 3/17/2022

Page: E-01

MARKET ST GARAGE LOWER LEVEL OFFICE UP-FIT
 507 E. MAIN ST. CHARLOTTESVILLE, VA 22902

ELECTRICAL / DATA / FIRE ALARM PLAN

THE CITY OF
 CHARLOTTESVILLE

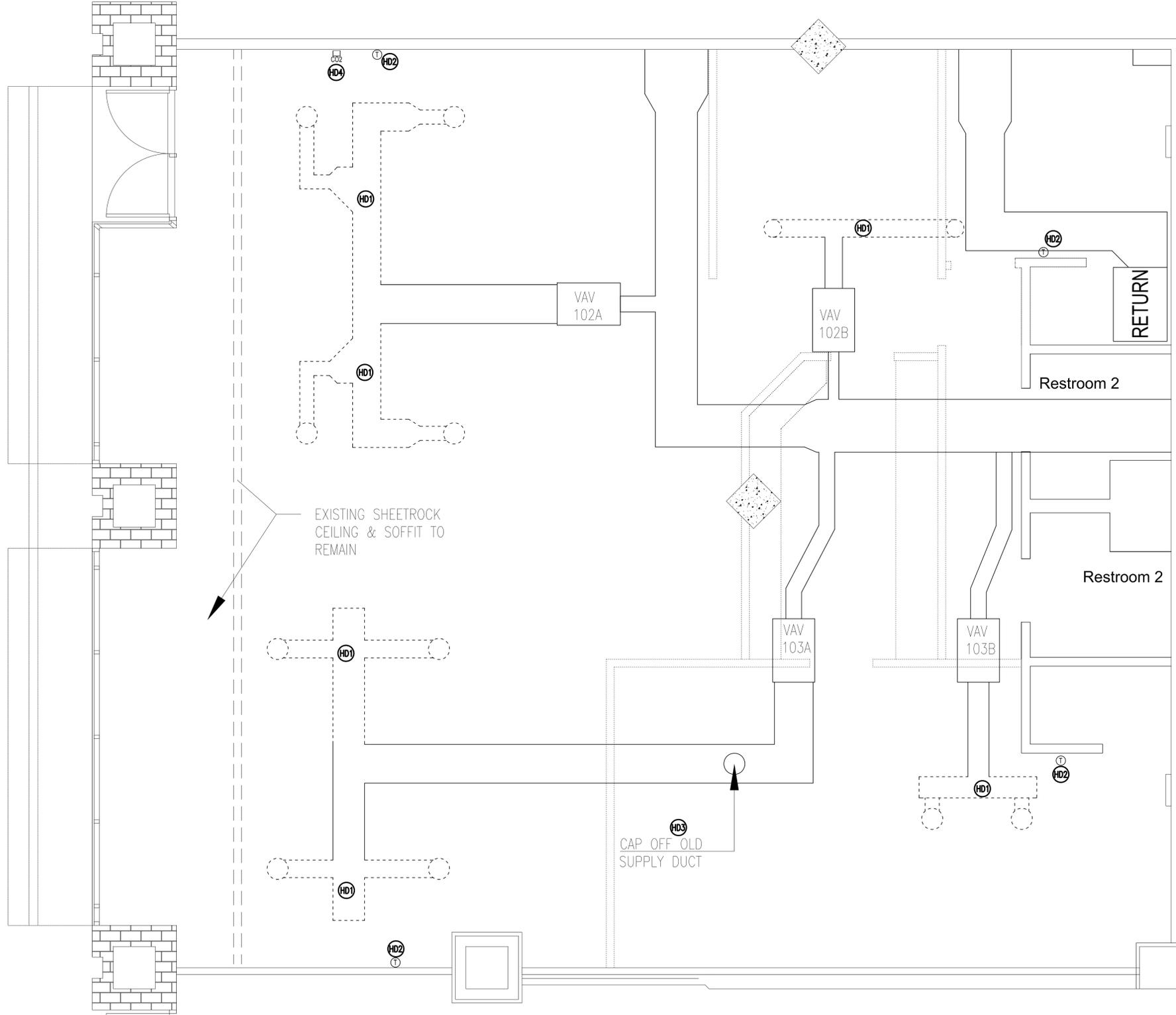
Department of Public Works
 Facilities Development
 305 4th Street, N.W.
 Charlottesville, VA 22903



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REVISION 3/21/2022

1 EXISTING HVAC
M-01 SCALE 3/8" = 1'-0" ON ARCH D (24" X 36")



HVAC DEMO

HD1 - REMOVE SECTIONS OF EXISTING DUCTWORK AS DENOTED (SHOWN AS DASHED).

HD2 - THERMOSTATS: CAREFULLY REMOVE EXISTING THERMOSTATS AND SALVAGE FOR REUSE (QTY 4). SEE M-01 FOR NEW LOCATIONS.

HD3 - CAP-OFF OLD SUPPLY DUCT.

HD4 - REMOVE EXISTING CO2 SENSOR.

NOTE 1 - ALL REMOVED ITEMS ARE TO BE DISPOSE OFF SITE UNLESS SPECIFICALLY NOTED.

NOTE 2 - RETAIN ALL EXISTING VAV BOXES.

NOTE 3 - COVER EXISTING RETURNS PRIOR TO START OF WORK.

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MARKET ST GARAGE LOWER LEVEL OFFICE UP-FIT
507 E. MAIN ST. CHARLOTTESVILLE, VA 22902

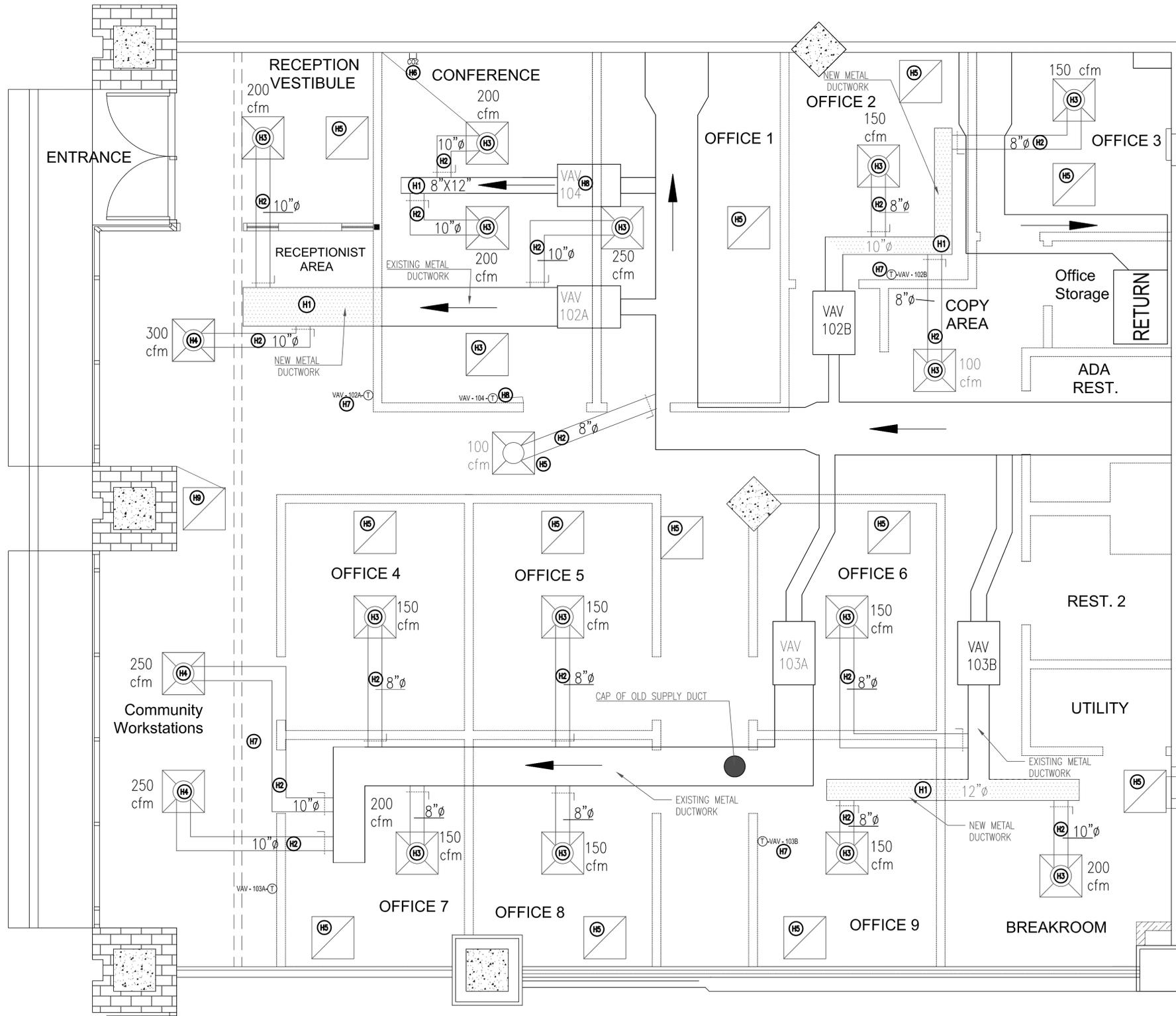
EXISTING HVAC & DEMO PLAN

THE CITY OF
CHARLOTTESVILLE

Department of Public Works
Facilities Development
305 4th Street, N.W.
Charlottesville, VA 22903



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MECHANICAL SPECIFICATIONS

H1 - MAIN TRUNK LINE: RECONFIGURE / MODIFY / INSTALL NEW AS PER PLAN M-102 AND DETAILS BELOW:

- METAL DUCTWORK - INSTALL NEW AND CONNECT TO EXISTING METAL DUCT (SEE SHADED AREA). ALL JOINTS AND OTHER PENETRATIONS SHALL BE SEALED WITH GLASS-FAB CLOTH AND MASTIC TO PROVIDE COMPLETE VAPOR BARRIER ENVELOPE.
- DUCTS SHALL BE SIZED AS INDICATED
- INSULATION - INSTALL 1.5" THICK FLEXIBLE GLASS FIBER DUCT WRAP INSULATION TO ALL NEW AND RETAINED DUCTWORK. SEAL ALL JOINTS IN INSULATION.

H2 - FLEXIBLE DUCT: PROVIDE AND INSTALL NEW AS PER PLAN 1-M02 SIZED AS INDICATED ON 1/M-02. INCLUDE CONTROL DAMPER AT TAKE-OFF ON MAIN TRUNK. NEW FLEX TO HAVE AN R-8 INSULATION RATING. INSULATE BACK SIDE OF DIFFUSER.

H3 - SUPPLY DIFFUSERS (SUSPENDED CEILINGS): PROVIDE AND INSTALL TITUS ARCHITECTURAL MODEL OMNI-NT SUPPLY CEILING DIFFUSERS DENOTED ON 1/0-02 AND RCP A-02. INSULATE BACK SIDE OF DIFFUSERS.

H4 - SUPPLY DIFFUSERS (DRYWALL CEILINGS): PROVIDE & INSTALL OMNI - TRM TRIM KIT. INSULATE BACK SIDE OF DIFFUSER.

H5 - RETURN AIR DIFFUSERS - PROVIDE AND INSTALL NEW TITUS PAR-PXP DIFFUSER DENOTED ON 1/M-02 AND RCP A-02.

H6 - CO2 SENSOR: PROVIDE NEW CO2 SENSOR. LOCATE 48" AFF.

H7 - THERMOSTATS: REUSE EXISTING THERMOSTATS. RELOCATE EXISTING THERMOSTATS TO NEW LOCATIONS DENOTED ON 1/M-02 AND RCP A-02. MOUNT WITH TOP AT 48" AFF.

H8 - PROVIDE SINGLE DUCT ELECTRIC REHEAT VAV BOX, 22 GA GALVANIZED STEEL CONSTRUCTION, 1/2" FIBERGLASS INSULATION, AIRFLOW SWITCH, FOUR QUADRANT AVERAGING CROSSFLOW SENSOR, DOOR INTERLOCKED DISCONNECT SWITCH, 24V CONTROL POWER TRANSFORMER, BACNET DIGITAL CONTROLLER, CONTROLS ENCLOSURE, 6" DIAMETER INLET, DESIGN AIRFLOWS 400 CFM MAX / 120 CFM MIN., 1.5 KW HEATER, EQUAL TO ENVIRO-TEC AIR SDR-EH SIZE 6. CONTRACTOR SHALL FIELD DETERMINE FINAL LOCATION AND HANDING TO MAINTAIN 36" CLEARANCE IN FRONT OF CONTROL PANEL AND ALLOW FULL DOOR SWING. PROVIDE NEW THERMOSTAT WITH TOP LOCATED 48" AFF. COORDINATE VOLTAGE/PHASE WITH AVAILABLE SERVICE AT PANEL. (208 / 120 VAC)

H9 - PROVIDE SURFACE MOUNT ALUMINUM RETURN AIR GRILLE, WHITE.

GENERAL MECHANICAL NOTES:

NOTE 1: Cover all returns during construction.

NOTE 2: Upon completion of the installation perform Testing, Adjusting, and Balancing (TAB). TAB to be conducted by an independent qualified testing firm and shall include CFM readings. TAB testing is to be observed by the City of Charlottesville Facility Maintenance HVAC technicians. TAB report is to include a description of the instruments used and when they were last calibrated.

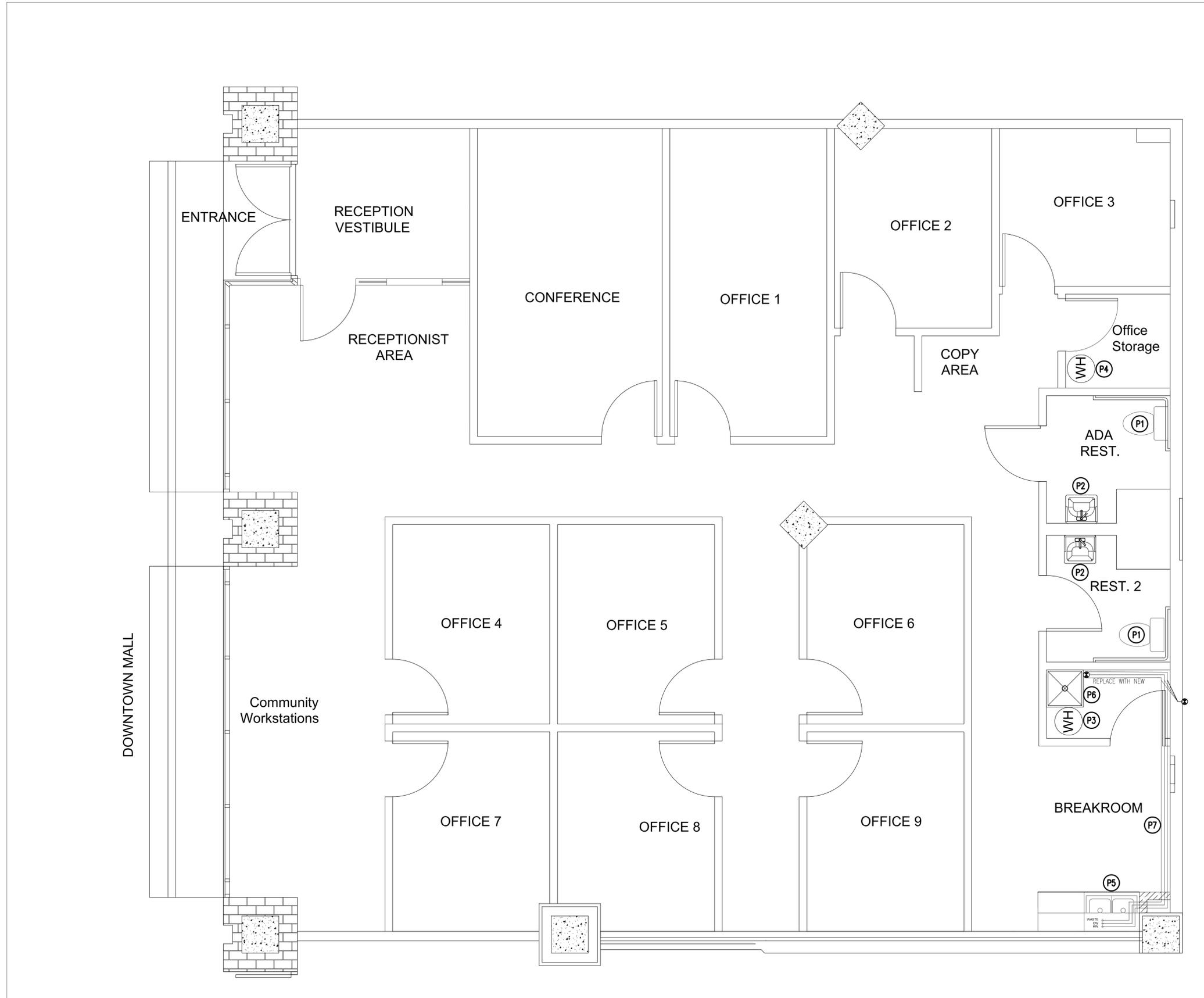
NOTE 3: Provide air turning devices in ductwork at any changes greater than 30°. Provide 45° branch connections and 45° branch to round take-offs. Square throat elbows, straight rectangular and round duct taps, and air scoops are not permitted.

NOTE 4: Contractor shall determine outside air flow rates at main air handling at maximum speed and minimum speed. Report results to City Project Manager and A/E. Results will be used to issue additional direction for code required ventilation rates, i.e. increasing outside air rate at air handling unit and/or increasing minimum stops of VAV boxes.

NOTE 5: Conference room sequences of operations - VAV box damper and reheat shall operate similar to existing VAV boxes. If CO2 concentration exceeds 900 ppm, the VAV box shall enter a ventilation mode. The damper shall open to a position equal to current position plus 10% or the position required to maintain the space temperature at cooling setpoint, whichever is greater. The heater shall modulate to maintain the space temperature at the heating setpoint. The BAS shall poll the CO2 sensor every 5 minutes and continue opening the damper in 10% increments at each polling if the CO2 concentration remains above 900 ppm. The VAV box shall exit ventilation mode when the CO2 concentration drops below 800 ppm for 10 minutes.

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PLUMBING SPECIFICATIONS & INSTRUCTIONS:

P1 - COMMODES - PROVIDE & INSTALL:
 P1A - AMERICAN STANDARD - CADET FLOWISE PRESSURE ASSISTED 1.1GPF.
 P1B - TOILET SEAT - INCLUDE MATCHING ADA COMPLIANT.

P2 - RESTROOM SINKS & FAUCETS - PROVIDE & INSTALL:
 P2A - SINK - AMERICAN STANDARD DECORUM 20 1/4" X 21" SINK WITH CENTER HOLE, MODEL # 9134001EC.020
 P2B - FAUCET - SLOAN FAUCET, 6 VDC PLUG-IN TRANSFORMER POWERED MODEL SF-300.

P3 - WATER HEATER - PROVIDE & INSTALL: NEW WATER HEATER TO MATCH EXISTING CAPACITY. EXISTING US/CRAFTMASTER WATER HEATER COMPANY MODEL# E1F50RD045V

P4 - RETAINED WATER HEATER: REINSTALL RETAINED WATER HEATER IN NEW LOCATION.

P5 - KITCHEN SINK & FAUCET - PROVIDE & INSTALL:
 P5A - SINK - AMERICAN STANDARD - COLONY SINGLE BOWL, 25" X 22" X 8"
 P5B - FAUCET - DELTA ESSA PULL-DOWN FAUCET WITH MAGNETIC DOCKING SPRAY HEAD, MODEL# 9113-DST

P6 - MOP SINK & FAUCET - PROVIDE & INSTALL:
 P6A - MOP SINK: FIAT TSB-200 24" X24" STOCKTON TERRAZO MOP BASIN
 P6B - MOP SINK FAUCET - AMERICAN STANDARD STRAIGHT SERVICE SINK FAUCET.

P7 - BREAK ROOM PLUMBING - INSTALL NEW COLD & HOT WATER LINES, AND WASTE LINES TO NEW SINK AND FAUCET. INSTALL WITHIN FRAMED WALLS IF POSSIBLE.

GENERAL PLUMBING NOTES:

NOTE 1: Include all miscellaneous materials for a complete installation.

NOTE 2: All plumbing work shall meeting plumbing code requirements.

Date: 3/7/2022

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MSPG - RETAIL TO OFFICE UP-FIT
 507 E. MAIN ST. CHARLOTTESVILLE, VA 22902

PLUMBING PLAN

THE CITY OF
 CHARLOTTESVILLE

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 Facilities Development
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