



REVISIONS:

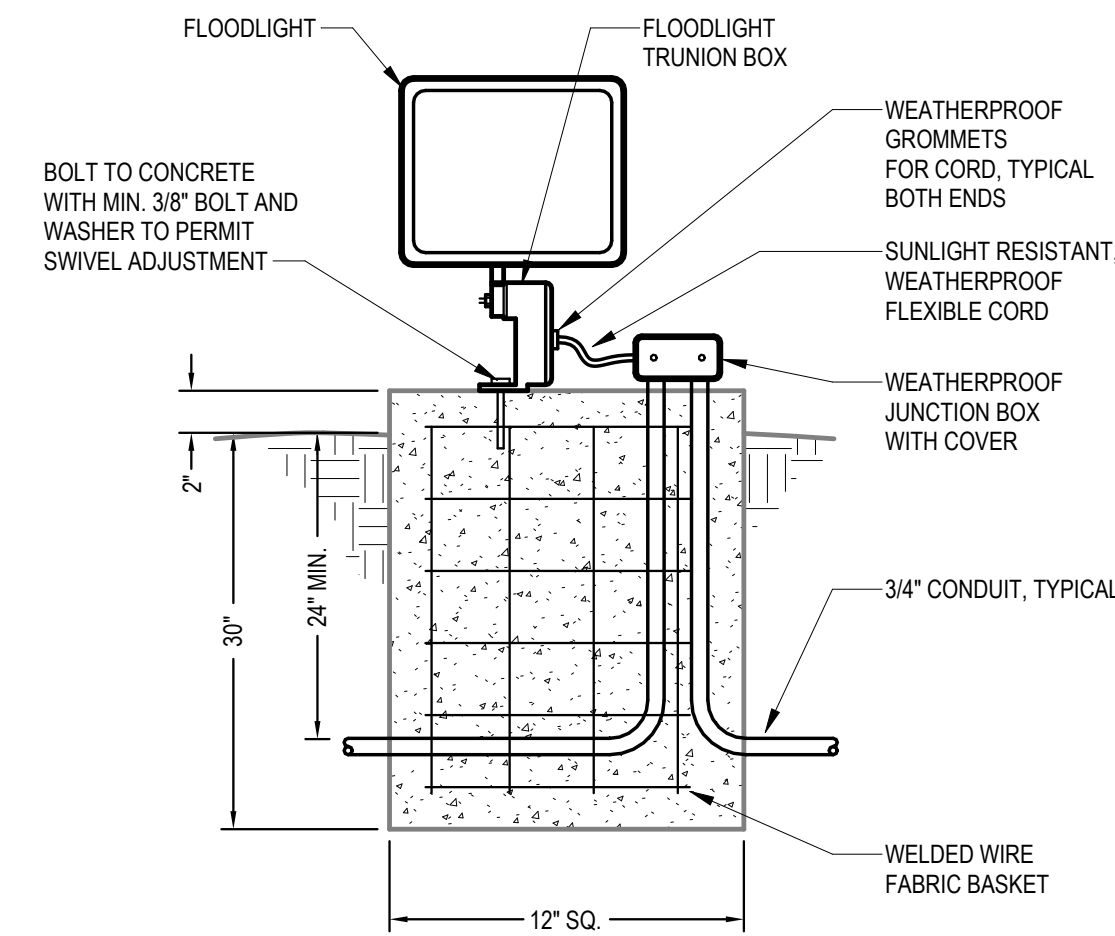
DATE: 05/09/2025

JOB: 24-3446

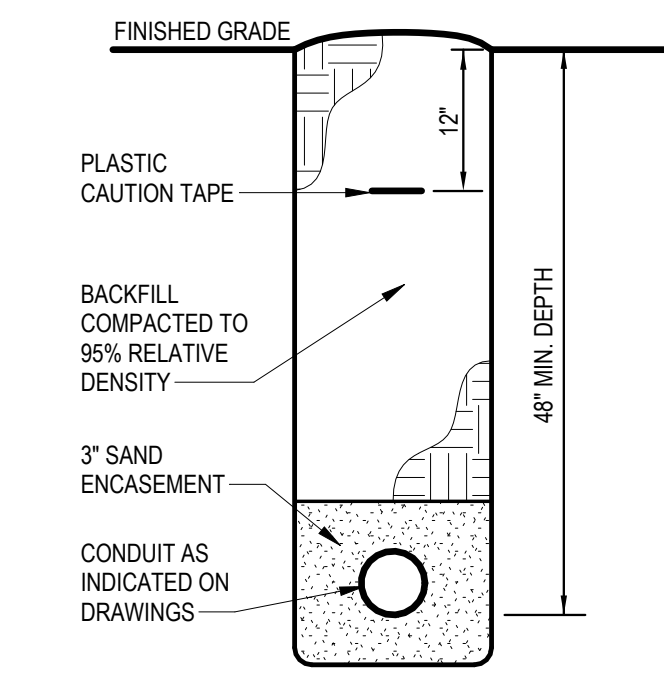
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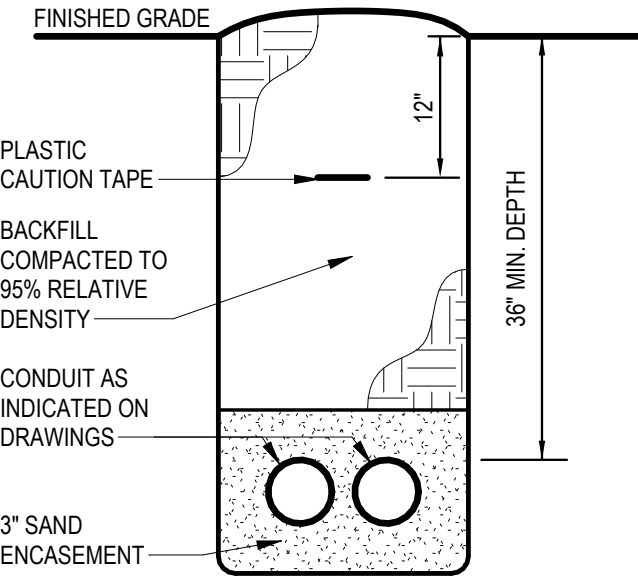
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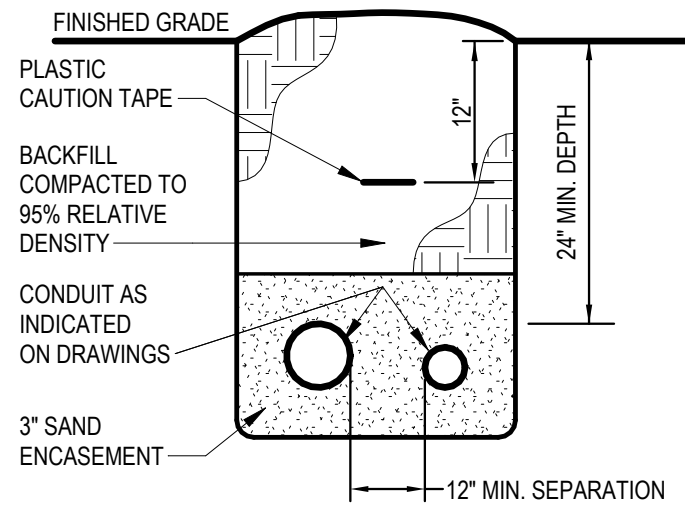
**3 GROUND LIGHT DETAIL**  
12" = 1'-0"



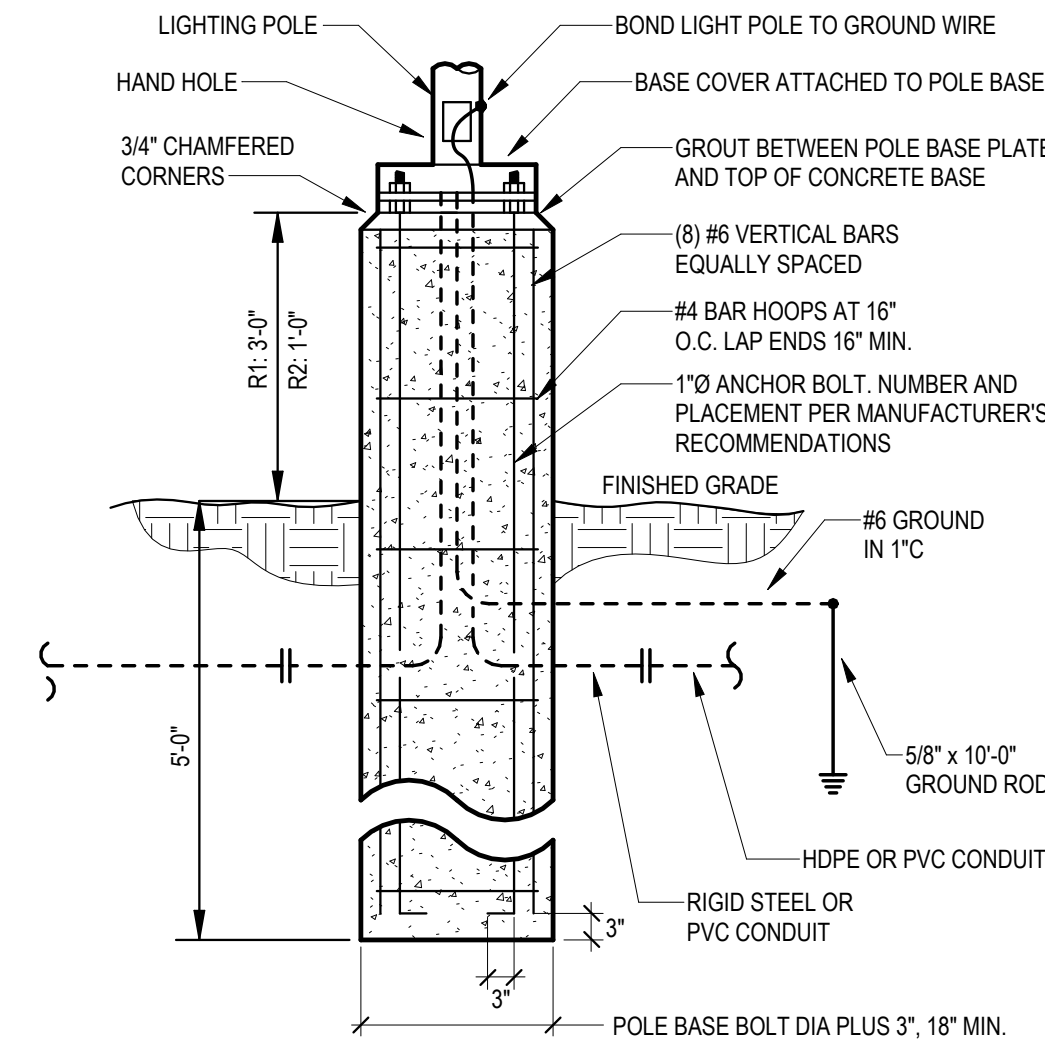
**4 PRIMARY CONDUIT SECTION**  
NO SCALE



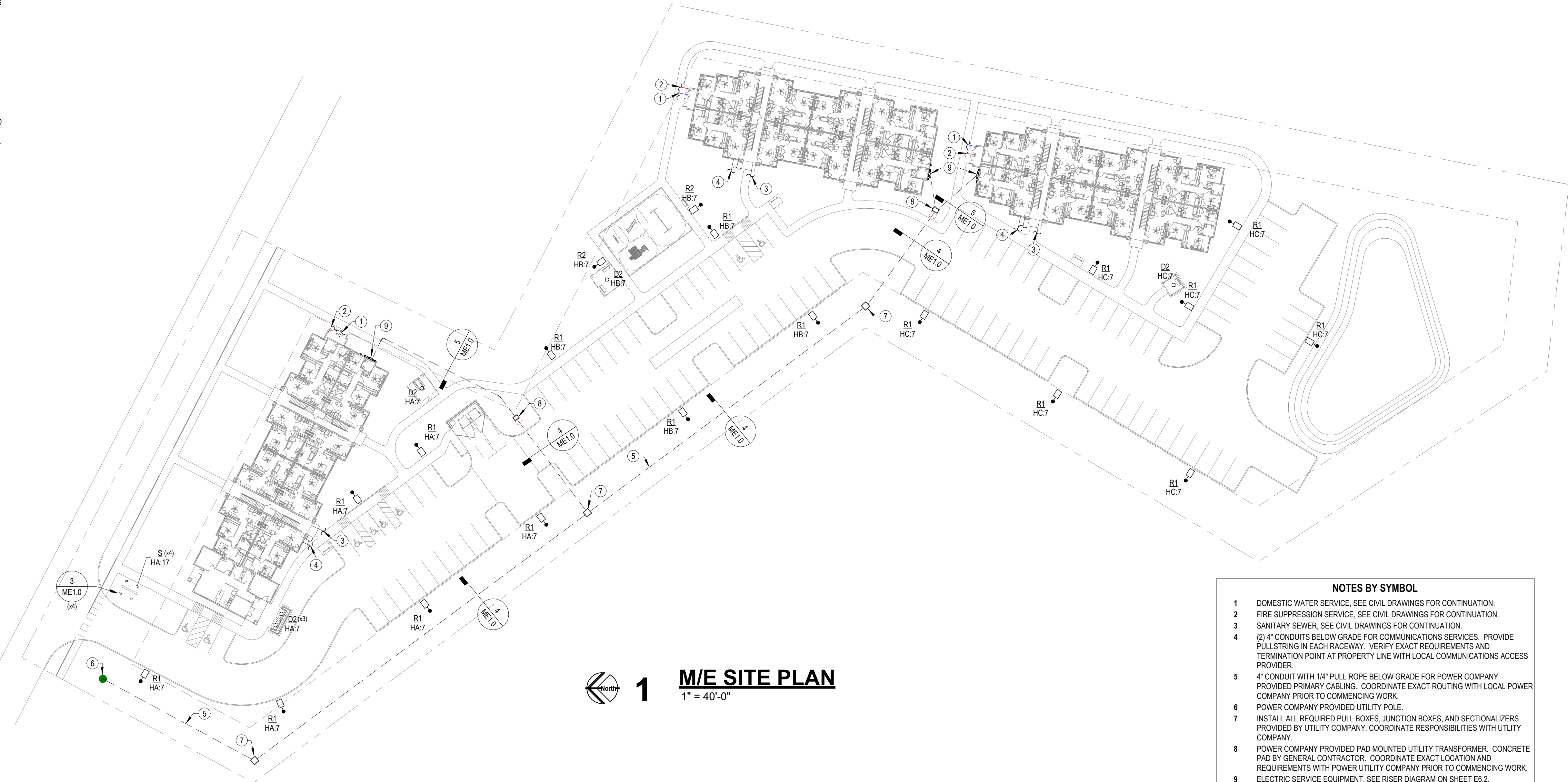
**5 SERVICE LATERAL CONDUIT SECTION**  
NO SCALE



**6 TELECOMM CONDUIT SECTION**  
NO SCALE



**2 LIGHT POLE BASE DETAIL**  
NO SCALE



**1 M/E SITE PLAN**  
1" = 40'-0"

- NOTES BY SYMBOL**
- 1 DOMESTIC WATER SERVICE, SEE CIVIL DRAWINGS FOR CONTINUATION.
  - 2 FIRE SUPPRESSION SERVICE, SEE CIVIL DRAWINGS FOR CONTINUATION.
  - 3 SANITARY SEWER, SEE CIVIL DRAWINGS FOR CONTINUATION.
  - 4 (2) 4" CONDUITS BELOW GRADE FOR COMMUNICATIONS SERVICES. PROVIDE PULLSTRING IN EACH RACEWAY. VERIFY EXACT REQUIREMENTS AND TERMINATION POINT AT PROPERTY LINE WITH LOCAL COMMUNICATIONS ACCESS PROVIDER.
  - 5 4" CONDUIT WITH 1/4" PULL ROPE BELOW GRADE FOR POWER COMPANY PROVIDED PRIMARY CABLING. COORDINATE EXACT ROUTING WITH LOCAL POWER COMPANY PRIOR TO COMMENCING WORK.
  - 6 POWER COMPANY PROVIDED UTILITY POLE.
  - 7 INSTALL ALL REQUIRED PULL BOXES, JUNCTION BOXES, AND SECTIONALIZERS PROVIDED BY UTILITY COMPANY. COORDINATE RESPONSIBILITIES WITH UTILITY COMPANY.
  - 8 POWER COMPANY PROVIDED PAD MOUNTED UTILITY TRANSFORMER. CONCRETE PAD BY GENERAL CONTRACTOR. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH POWER UTILITY COMPANY PRIOR TO COMMENCING WORK.
  - 9 ELECTRIC SERVICE EQUIPMENT, SEE RISER DIAGRAM ON SHEET E6.2.











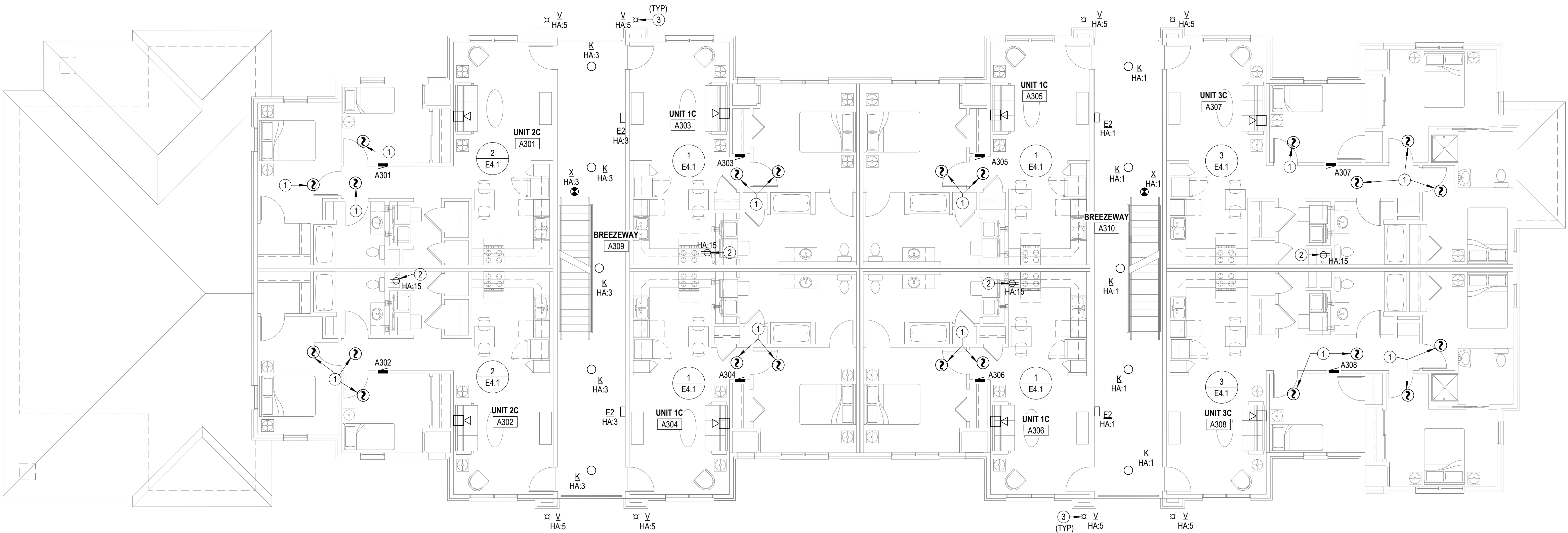
NOTES BY SYMBOL

- 1

CEILING MOUNTED SMOKE ALARM IN APARTMENTS TO BE 120VAC WITH 9V BATTERY BACKUP, INTERCONNECTED TO OTHERS IN SAME APARTMENT. DEVICE SHALL HAVE PHOTOELECTRIC TYPE SMOKE DETECTOR WITH SOUNDER HORN HAVING AN 85 db OUTPUT AT 10'. SHALL HAVE A SINGLE BUTTON FOR TEST/SILENCE AND LED INDICATOR LIGHTS, AND SHALL BE UL 217 LISTED, BRK #SC701LBL OR EQUAL.
- 2

PROVIDE RECEPTACLE IN ATTIC NEAR RADON PIPE FOR FUTURE RADON FAN.
- 3

DOWNLIGHTS TO BE INSTALLED IN SOFFIT ABOVE THIRD FLOOR.



1

**BUILDING A-THIRD FLOOR-POWER PLAN**

1/8" = 1'-0"

THE RESERVES AT COBALT CIRCLE

NEW APARTMENT COMPLEX

BROWNSVILLE

TENNESSEE



REVISIONS:

DATE: 05/09/2025

JOB: 24-3446

SHEET NO.:

E1.2

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- JGR**

## NEW APARTMENT COMPLEX

# BROWNSVILLE

# TENNESSEE



DATE:	05/09/2025
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## E1.4

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1

BUILDING 'C' SIMILAR

$$\frac{1}{8}'' = 1'-0''$$





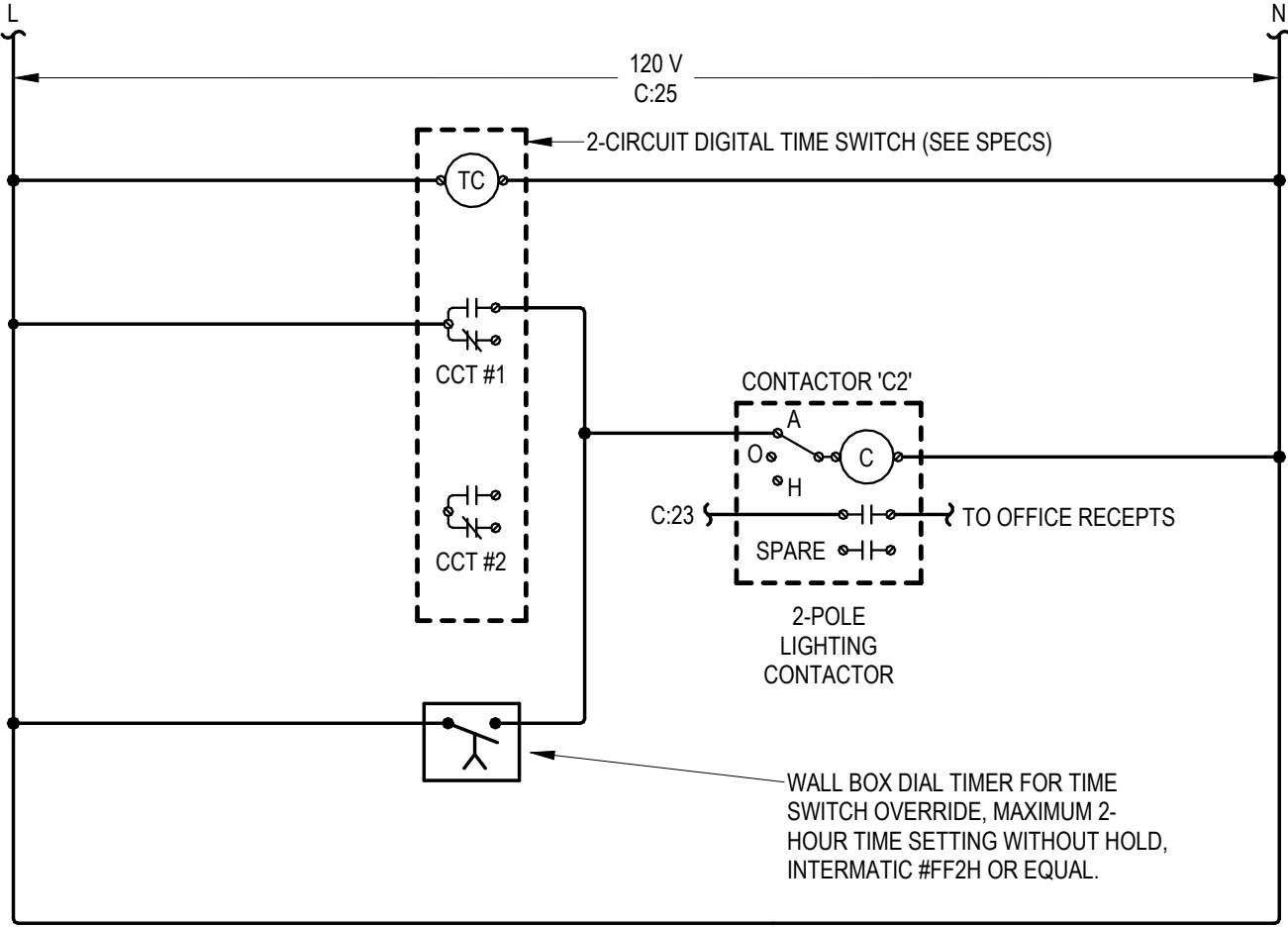




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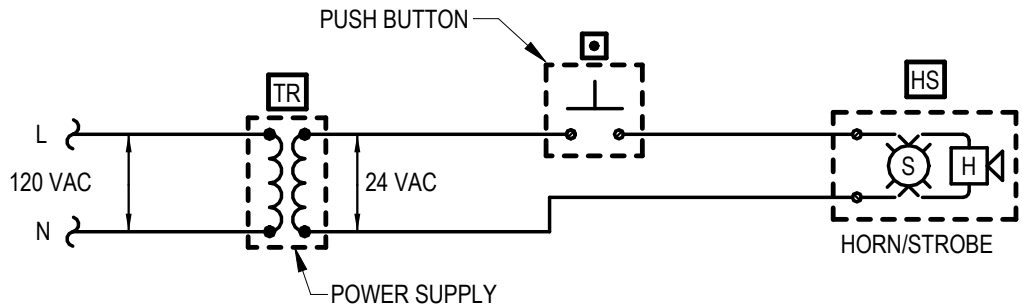
LIGHT FIXTURE SCHEDULE									
MARK	MANUFACTURER	MODEL NUMBER	WATTAGE	LUMEN OUTPUT	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
A	LITHONIA	FML4W ALO6 SEF 840 MVOLT	49 W	5874 lm	TRIAC DIMMING	SURFACE	WHITE	1X4 SURFACE, LED WRAP	--
B	MAXIM LIGHTING	52004	20 W	1500 lm	LED DRIVER, ELV DIMMABLE, 2%	SURFACE WALL HORIZONTAL	SELECTED BY ARCHITECT	30" LED VANITY LIGHT	--
C	TBD	SELECTED BY OWNER			0-10V DIMMING TO 10%	CEILING SURFACE	TBD	PENDANT SELECTED BY OWNER AND PROVIDED BY ELECTRICAL CONTRACTOR	--
D1	HALO	SMD6R6930WH	10 W	600 lm	0-10V DIMMING TO 10%	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT	9
D2	HALO	SMD6R12930WH	16 W	1271 lm	0-10V DIMMING TO 10%	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT	--
E1	LITHONIA	EU2-LED-M12			--	SURFACE WALL	WHITE	TWO HEAD EMERGENCY LIGHT	1
E2	LITHONIA	AFF OEL DWHGXD UVOLT LTP SDRT WT			--	SURFACE WALL	WHITE	EXTERIOR RATED TWO HEAD EMERGENCY LIGHT	1,3,5
F	DAY-BRITE CFI	FSS440L840-UNV-DIM	30 W	4077 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4' STANDARD STRIP WITH CURVED FROSTED ACRYLIC LENS	--
G	SEAGULL	15030EN-829	20 W		STANDARD	CEILING SURFACE	BRONZE	52" DIAMETER CEILING FAN WITH LED LIGHT KIT	--
K	LITHONIA	OLCFM15-DOB	17 W	1077 lm	STANDARD	CEILING SURFACE	BRONZE	12" LED BREEZWAY DOWNLIGHT	3,5
R1	LITHONIA	DSX2 LED P1 30K T3M MVOLT HS	33 W	4791 lm	STANDARD	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE III DISTRIBUTION AND HOUSE SIDE SHIELD	1,8
R2	LITHONIA	DSX2 LED P2 30K T4M MVOLT HS	45 W	6272 lm	STANDARD	POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE IV DISTRIBUTION AND HOUSE SIDE SHIELD	2,8
S	ACCLAIM	DFB-111-AKEU	50 W	2455 lm	STANDARD	GRADE	BLACK	IP-66 RATED, GRADE MOUNTED LED FLOOD LIGHT	4
V	GOTHAM	ICO 400S/AR/LSS10D	7 W	500 lm	STANDARD	SURFACE	WHITE	4" DIAMETER LED WALL WASH DOWNLIGHT WITH 10° BEAM ANGLE	5
W1	LITHONIA	MRW LED P1 40K SR2 MVOLT	20 W	2251 lm	STANDARD	WALL	BLACK	EXTERIOR LED WALL PACK WITH IES TYPE II DISTRIBUTION	3,4
W2	LITHONIA	MRW LED P1 40K SR4 MVOLT	20 W	2189 lm	STANDARD	WALL	BLACK	EXTERIOR LED WALL PACK WITH IES TYPE IV DISTRIBUTION	3,4
W3	LITHONIA	MRW LED P4 40K SR4 MVOLT	61 W	6388 lm	STANDARD	WALL	BLACK	EXTERIOR LED WALL PACK WITH IES TYPE IV DISTRIBUTION	3,4
X	LITHONIA	WLTE W 2 R EL SD			--	CEILING	WHITE	2 FACED EXTERIOR RATED EXIT LIGHT	1,2
XE	LITHONIA	LHQM LED R HO	4 W	1045 lm	--	WALL		EXIT/ELU COMBO, RED LETTERING	1,2
<div>GENERAL:</div> <ul style="list-style-type: none"><li>ALL LED'S SHALL BE 4000K CORRELATED COLOR TEMPERATURE, MINIMUM 80 CRI</li><li>ALL LED FIXTURES SHALL ADHERE TO LM79 AND LM80 STANDARDS</li><li>ALL APARTMENT LIGHT FIXTURES SHALL BE ENERGY STAR CERTIFIED</li></ul> <div>NOTES:</div> <ol style="list-style-type: none"><li>PROVIDE FIXTURE WITH EMERGENCY BATTERY INTEGRAL CHARGER WITH SELF-DIAGNOSTIC/SELF-TESTING ELECTRONICS.</li><li>FIXTURE SHALL BE CAPABLE OF WALL OR CEILING MOUNT APPLICATIONS AND SHALL HAVE BREAK-OUT DIRECTIONAL CHEVRONS.</li><li>FIXTURE SHALL BE CAPABLE OF OPERATION IN TEMPERATURES RANGING FROM -4F THROUGH 104F.</li><li>U.L. LISTED FOR 'WET LOCATION'.</li><li>U.L. LISTED FOR 'DAMP LOCATION'.</li><li>PROVIDE FIXTURE/POLE ASSEMBLY WITH 20' ROUND STRAIGHT STEEL POLE, BLACK TO MATCH FIXTURE.</li><li>PROVIDE FIXTURE/POLE ASSEMBLY WITH 20' ROUND STRAIGHT STEEL POLE, BLACK TO MATCH FIXTURE.</li><li>FIXTURE/POLE ASSEMBLY SHALL BE RATED FOR 100 MPH WIND LOADS. PROVIDE WITH VIBRATION DAMPER PER MANUFACTURER'S RECOMMENDATIONS.</li><li>WHERE INSTALLED OUTSIDE OR IN BATHROOMS FIXTURE SHALL BE 'DAMP LOCATION' U.L. LISTED, WHERE ABOVE SHOWERS OR BATHTUBS FIXTURE SHALL BE 'WET LOCATION' U.L. LISTED.</li></ol>									



4

CLUBHOUSE CONTROLLED RECEPTACLE DIAGRAM

NO SCALE

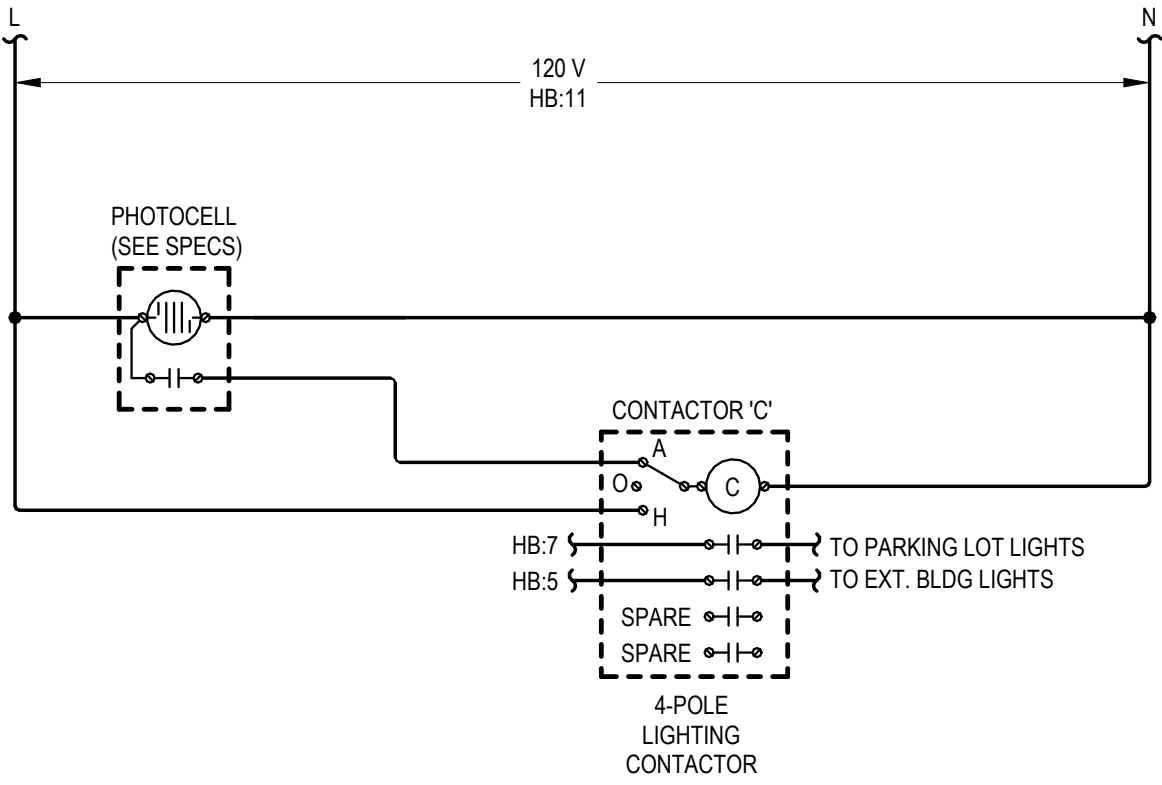


- DOOR ALARM BUZZER SYSTEM NOTES
- PROVIDE DOOR ANNUNCIATOR SYSTEM COMPLETE WITH PUSH BUTTON, HORN/STROBE(S), POWER SUPPLIES AND ALL WIRING REQUIRED. HORN/STROBE SHALL ACTIVATE WHEN PUSH BUTTON IS DEPRESSED.
  - HORN/STROBE SHALL OPERATE AT 24VAC, HAVE A CLEAR LENS WITH 50cd STROBE AND HORN WITH 82dB AT 10', UL 1638 LISTED, EDWARDS #6536-GS. FLUSH MOUNT IN WALL AT 6'-8" AFF.
  - PUSH BUTTON SHALL BE WHITE WITH CHROME RIM, NON-ILLUMINATED, WITH N.O. MOMENTARY CONTACTS, RATED FOR 0.67 AMPS AT 24VAC, EDWARDS # 620. PROVIDE WITH STAINLESS STEEL COVER PLATE, EDWARDS #147-10. MOUNT AT 48" AFF.
  - POWER SUPPLY SHALL BE A LOW VOLTAGE CLASS 2 TRANSFORMER WITH 120VAC PRIMARY AND 24VAC SECONDARY, 20VA, EDWARDS #598. FLUSH MOUNT IN 2-GANG WALL BOX WITH BLANK COVER PLATE, DIRECTLY ABOVE HORN/STROBE.
  - LOW VOLTAGE CLASS 2 CABLING SHALL BE MINIMUM 18 AWG UNSHIELDED.

3

APARTMENT DOORBELL WIRING SCHEMATIC

12" = 1'-0"

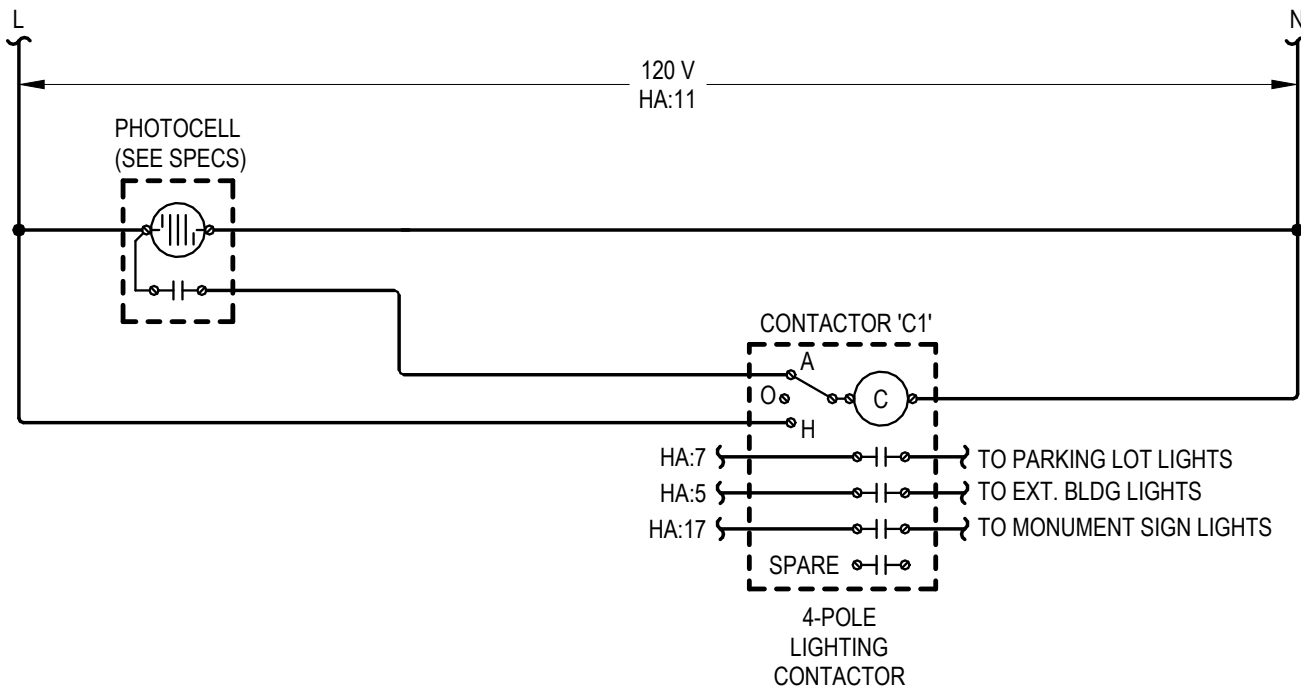


2

LIGHTING CONTROL DIAGRAM - BUILDING B

NO SCALE

BUILDING 'C' SIMILAR



1

LIGHTING CONTROL DIAGRAM - BUILDING A

NO SCALE



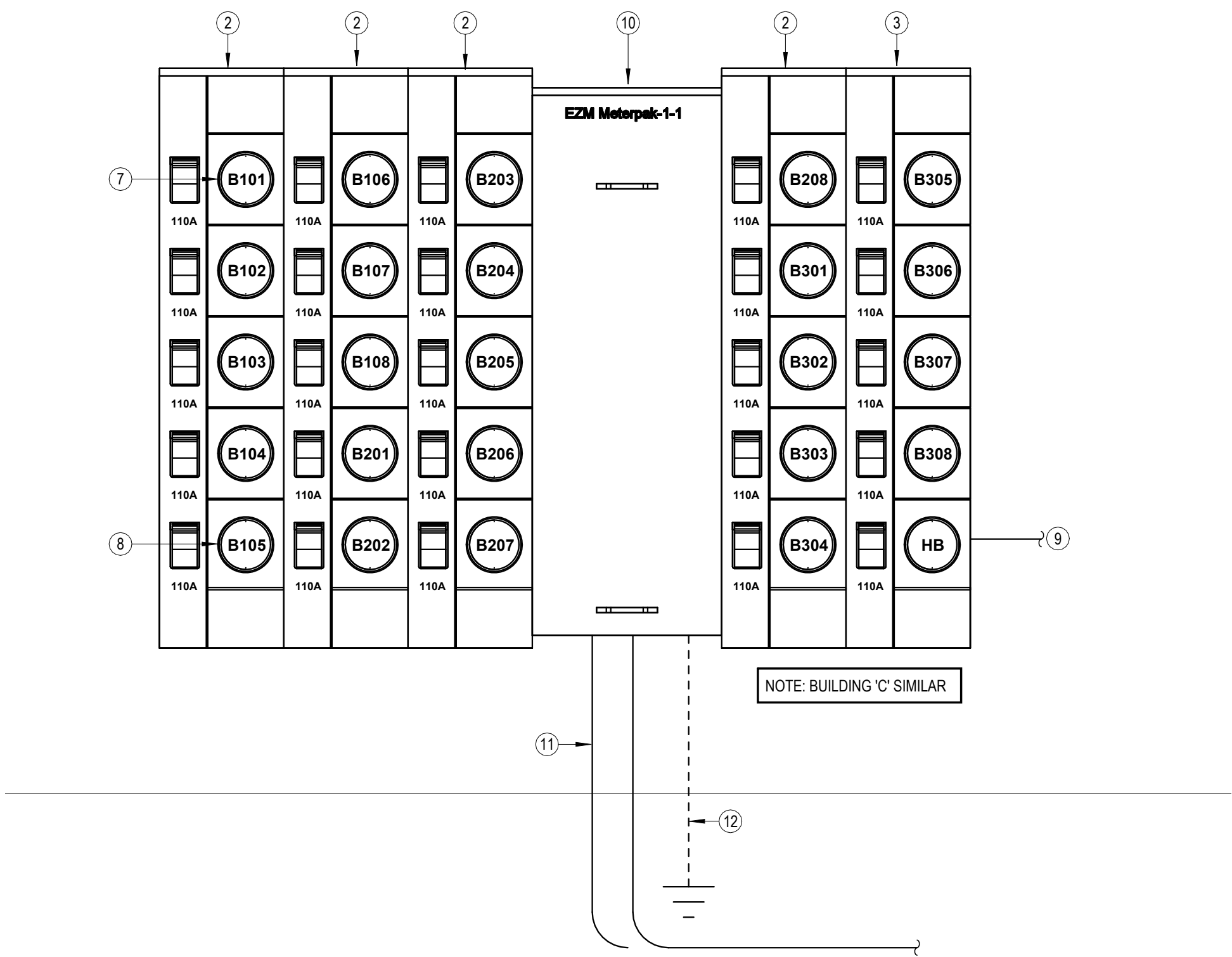


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BUILDING 'B' FEEDER SCHEDULE		
PANEL NAME	FEEDER SIZE (COPPER)	FEEDER SIZE (ALUMINUM)
B101	2" C 2-3/0 3/ON #3G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
B102	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
B103	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
B104	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
B105	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B106	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B107	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B108	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B201	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
B202	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
B203	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
B204	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
B205	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
B206	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B207	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B208	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B301	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
B302	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
B303	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
B304	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
B305	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
B306	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B307	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
B308	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
HB	1-1/4" C 2#1 #1N #8G	1-1/4" C 2-1/0 AL 1/0 AL N #6 AL G

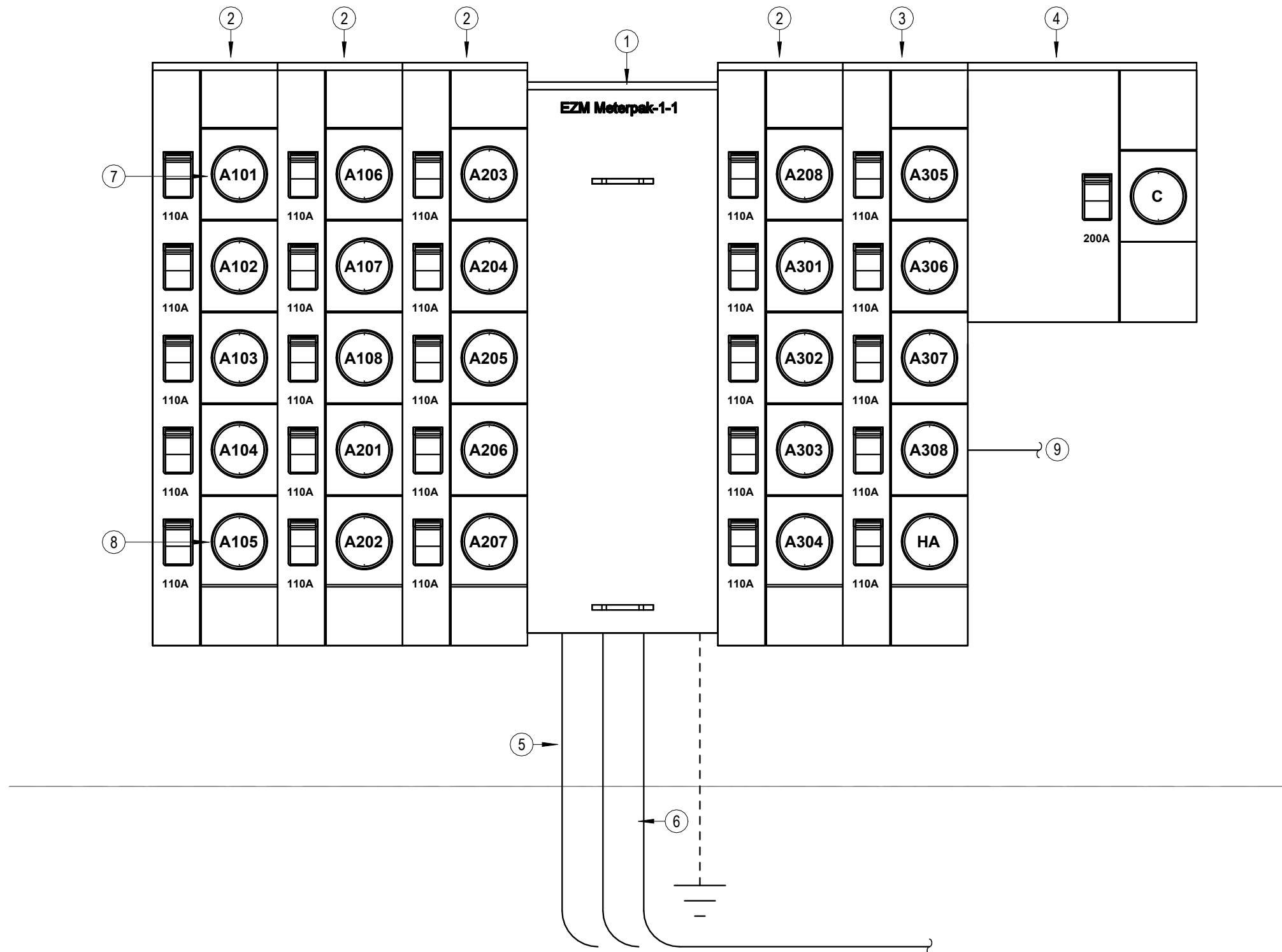
BUILDING 'C' FEEDER SCHEDULE		
PANEL NAME	FEEDER SIZE (COPPER)	FEEDER SIZE (ALUMINUM)
C101	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C102	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C103	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C104	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C105	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C106	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
C107	1-1/2" C 2-1/0 1/ON #6G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
C108	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
C201	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C202	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C203	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C204	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C205	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
C206	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
C207	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
C208	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
C301	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C302	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C303	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C304	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
C305	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
C306	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
C307	1-1/2" C 2-2/0 2/ON #4G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
C308	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
HC	1-1/4" C 2#1 #1N #8G	1-1/4" C 2-1/0 AL 1/0 AL N #6 AL G



## 2 BUILDINGS B & C-ELECTRICAL RISER DIAGRAM

1" = 1'-0"

BUILDING 'A' FEEDER SCHEDULE		
PANEL NAME	FEEDER SIZE (COPPER)	FEEDER SIZE (ALUMINUM)
A101	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
A102	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
A103	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
A104	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
A105	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A106	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A107	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A108	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A201	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
A202	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
A203	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
A204	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
A205	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
A206	1-1/2" C 2-1/0 1/ON #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A207	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A208	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A301	2" C 2-3/0 3/ON #3G	2-1/2" C 2-300kcmil AL 300kcmil AL N 3/0 AL G
A302	2" C 2-3/0 3/ON #3G	2" C 2-250kcmil AL 250kcmil AL N 2/0 AL G
A303	1-1/2" C 2-1/0 1/ON #6G	2" C 2-4/0 AL 4/0 AL N 1/0 AL G
A304	1-1/2" C 2-1/0 1/ON #6G	2" C 2-3/0 AL 3/0 AL N #1 AL G
A305	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
A306	1-1/2" C 2-1/0 1/ON #6G	1-1/2" C 2-2/0 AL 2/0 AL N #2 AL G
A307	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
A308	1-1/4" C 2#1 #1N #6G	1-1/4" C 2-1/0 AL 1/0 AL N #3 AL G
HA	1-1/4" C 2#1 #1N #8G	1-1/4" C 2-1/0 AL 1/0 AL N #6 AL G
C	2" C 2-4/0 4/ON #4G	2-1/2" C 2-350kcmil AL 350kcmil AL N #2 AL G



## 1 BUILDING A-ELECTRICAL RISER DIAGRAM

1" = 1'-0"

- ### NOTES BY SYMBOL
- METER CENTER MAIN, 3-PH IN, 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 1000A/3P MAIN BREAKER, 42 KAIC RATED, SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE, SQUARE D 'EZ' METER-PAK #EZM31000CB.
  - 5-SOCKET BRANCH UNITS, 3-PH IN, 1-PH OUT, WITH (5) 110A BRANCH BREAKERS, METER SOCKETS SHALL BE RING TYPE, 5-JAW WITHOUT BYPASS, SQUARE D 'EZ' METER-PAK #EZM315125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT OR HOUSE PANEL BEING SERVED.
  - 5-SOCKET BRANCH UNITS, 3-PH IN, 1-PH OUT, WITH (4) 110A BRANCH BREAKERS AND (1) 100A BRANCH BREAKER, METER SOCKETS SHALL BE RING TYPE, 5-JAW WITHOUT BYPASS, SQUARE D 'EZ' METER-PAK #EZM315125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT OR HOUSE PANEL BEING SERVED.
  - 1-SOCKET BRANCH UNITS, 3-PH IN, 1-PH OUT, WITH (1) 200A BRANCH BREAKER, METER SOCKETS SHALL BE RING TYPE, WITH TEST BLOCK BYPASS SQUARE D 'EZ' METER-PAK #EZMT311225. PROVIDE PERMANENT LABEL ON METER SOCKET BREAKER TO READ 'CLUBHOUSE'.
  - (3) PARALLEL 4" CONDUITS EACH WITH (4) #400 KCMIL COPPER FROM TRANSFORMER TO METER CENTER AT BUILDING 'A'.
  - #30 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.
  - MAXIMUM HEIGHT TO CENTERLINE OF TOP METER SOCKET SHALL BE 5'-6" AFG.
  - MINIMUM HEIGHT TO BOTTOM OF METER SOCKET ASSEMBLY SHALL BE 18" AFG.
  - SEE FEEDER SCHEDULE, THIS SHEET FOR SIZES TO APARTMENT UNIT LOAD CENTERS.
  - METER CENTER MAIN, 3-PH IN, 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 800A/3P MAIN BREAKER, 65 KAIC RATED, SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE, SQUARE D 'EZ' METER-PAK #EZM3800CB.
  - (2) PARALLEL 4" CONDUITS EACH WITH (4) #500 KCMIL COPPER FROM TRANSFORMER TO METER CENTER AT BUILDING 'B'. NOTE: BUILDING 'C' METER CENTER AND FEEDERS ARE SIMILAR. SEE ME1.0 FOR MORE INFORMATION.
  - #20 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.

- ### NOTES:
- Meter Center main circuit breaker shall be fully rated for KAIC rating listed in notes above. Feeder breakers may be series rated with main breaker.
  - All conductor sizes are based on copper, U.N.O.
  - Entire installation shall comply with NEC.
  - Coordinate all responsibilities and requirements with power utility company and pay associated fees.
  - Contact Information:
    - Brownsville Energy Authority
    - Russ Stoops
    - General Manager
    - rstoops@budutil.com
  - Coordinate final location of meter assemblies with utility company. Provide shop drawings of proposed equipment whether as specified or substituted to utility company for approval.
  - All meter center components shall be NEMA 3R.
  - All dimensions based on Square D equipment. It is the contractor's responsibility to verify the dimensions of substitute equipment.
  - For each meter, provide a permanent brass, copper or aluminum tag identifying the apartment served. Tags shall be securely fastened to the meter base and be stamped with 1/8" letters, minimum.















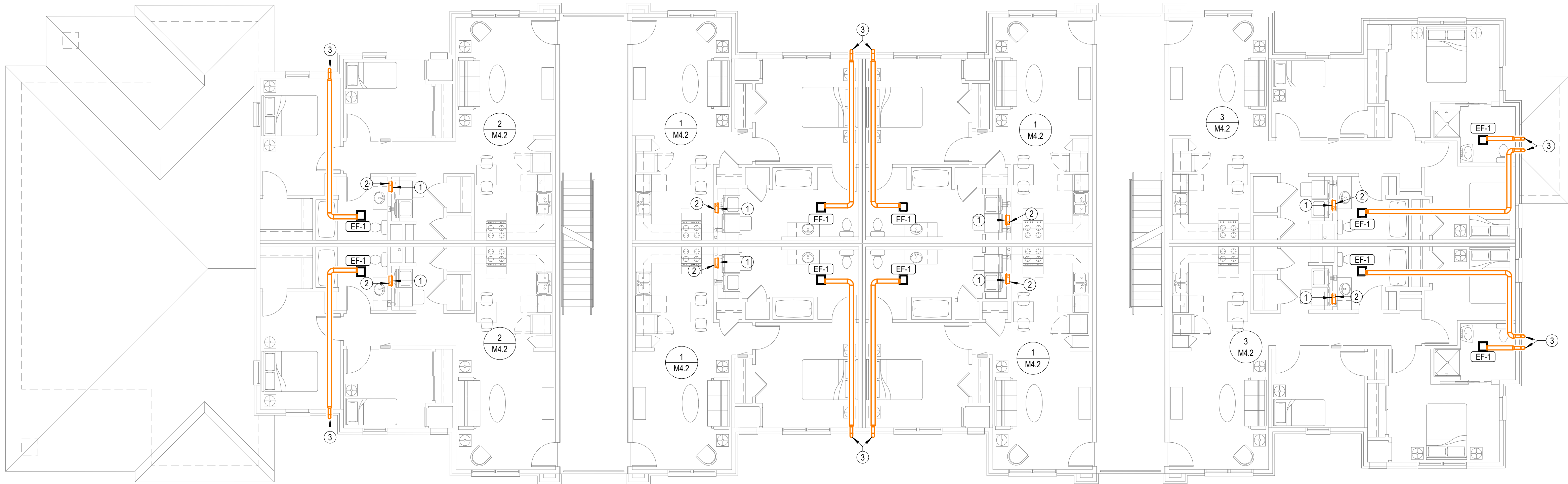


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M1.2

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NOTES BY SYMBOL

- 1 PROVIDE UL LISTED DRYER BOX EQUAL TO IN-Q-VATE TECHNOLOGIES IN WALL INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. AND ROUTE 4"Ø DRYER EXHAUST DUCT TO WALL CAP WITH BACKDRAFT DAMPER. SEE OVERALL MECHANICAL PLANS FOR UNIT SPECIFIC ROUTING. MAXIMUM ALLOWABLE EQUIVALENT DUCT LENGTH = 35'. UTILIZE LONG RADIUS SMOOTH ELBOWS WHERE REQUIRED. MAXIMUM EQUIVALENT DUCT LENGTH MAY BE INCREASED WHERE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS ALLOW, AND DOCUMENTATION IS PROVIDED TO CODE OFFICIAL PRIOR TO CONCEALMENT INSPECTION. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED. PROVIDE PERMANENT LABEL IDENTIFYING EQUIVALENT LENGTH OF DRYER DUCT INSTALLED PER IMC 504.  
  
NOTE: ANNULAR SPACE AROUND DUCT IS TO BE SEALED AT ALL PENETRATIONS OF FLOORS AND CEILINGS WITH U.L. LISTED FIRE STOPPING SYSTEM.
- 2 ROUTE DRYER EXHAUST DUCT DOWN TO FLOOR BELOW. SEE 2.M1.1 FOR CONTINUATION
- 3 ROUTE 6"Ø EXHAUST DUCT TO 4"Ø MANUFACTURER'S SOFFIT VENT. TRANSITION TO 4"Ø DUCT AS CLOSE TO SOFFIT VENT AS POSSIBLE. COORDINATE FINAL LOCATION WITH ARCHITECT.



1

BUILDING A-THIRD FLOOR-HVAC PLAN

1/8" = 1'-0"



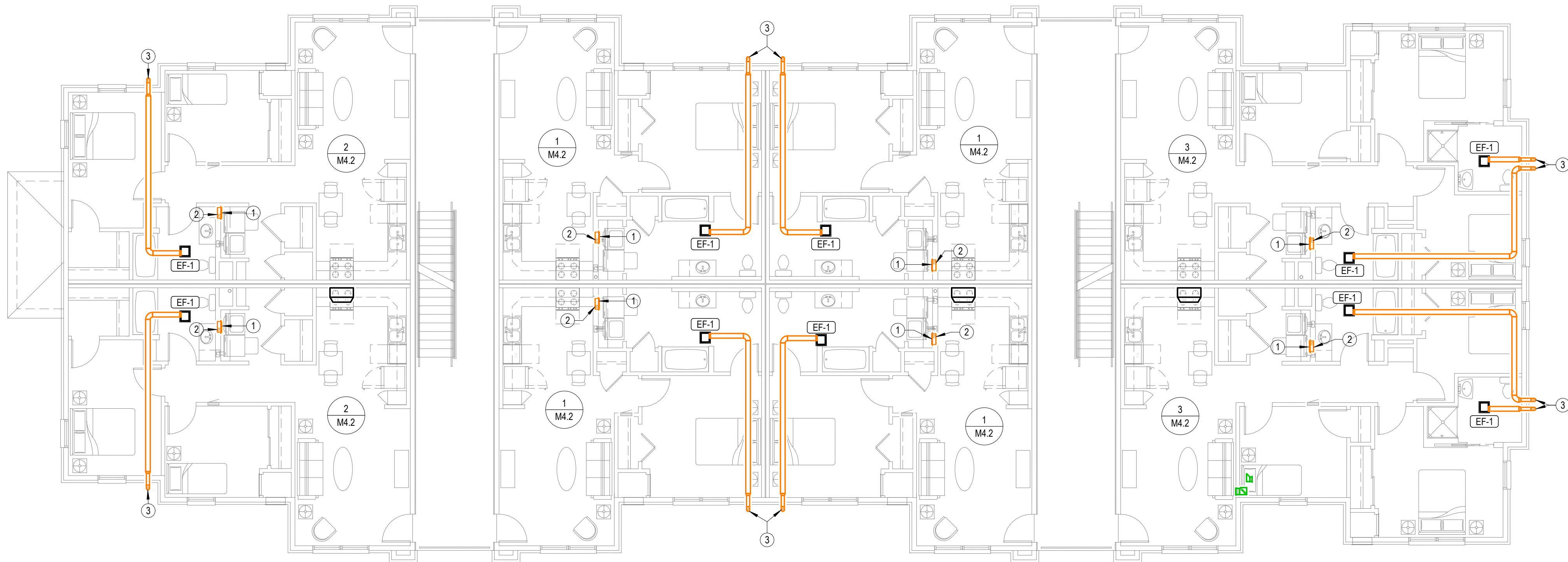






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- NOTES BY SYMBOL.
- 1

PROVIDE AUXILIARY DRAIN PAN BELOW VTAC, AND PIPE OVERFLOW DRAIN TO FLOOR DRAIN.
- 2

TRANSITION FROM CONNECTION AT VTAC TO SUPPLY DUCT.
- 3

SEE M1.1, M1.2, M1.3, AND M1.4 FOR DRYER EXHASUT DUCT ROUTING.
- 4

SEE M1.1, M1.2, M1.3, AND M1.4 FOR BATHROOM EXHAUST DUCT ROUTING.
- 5

LINED TRANSFER DUCT.
- 6

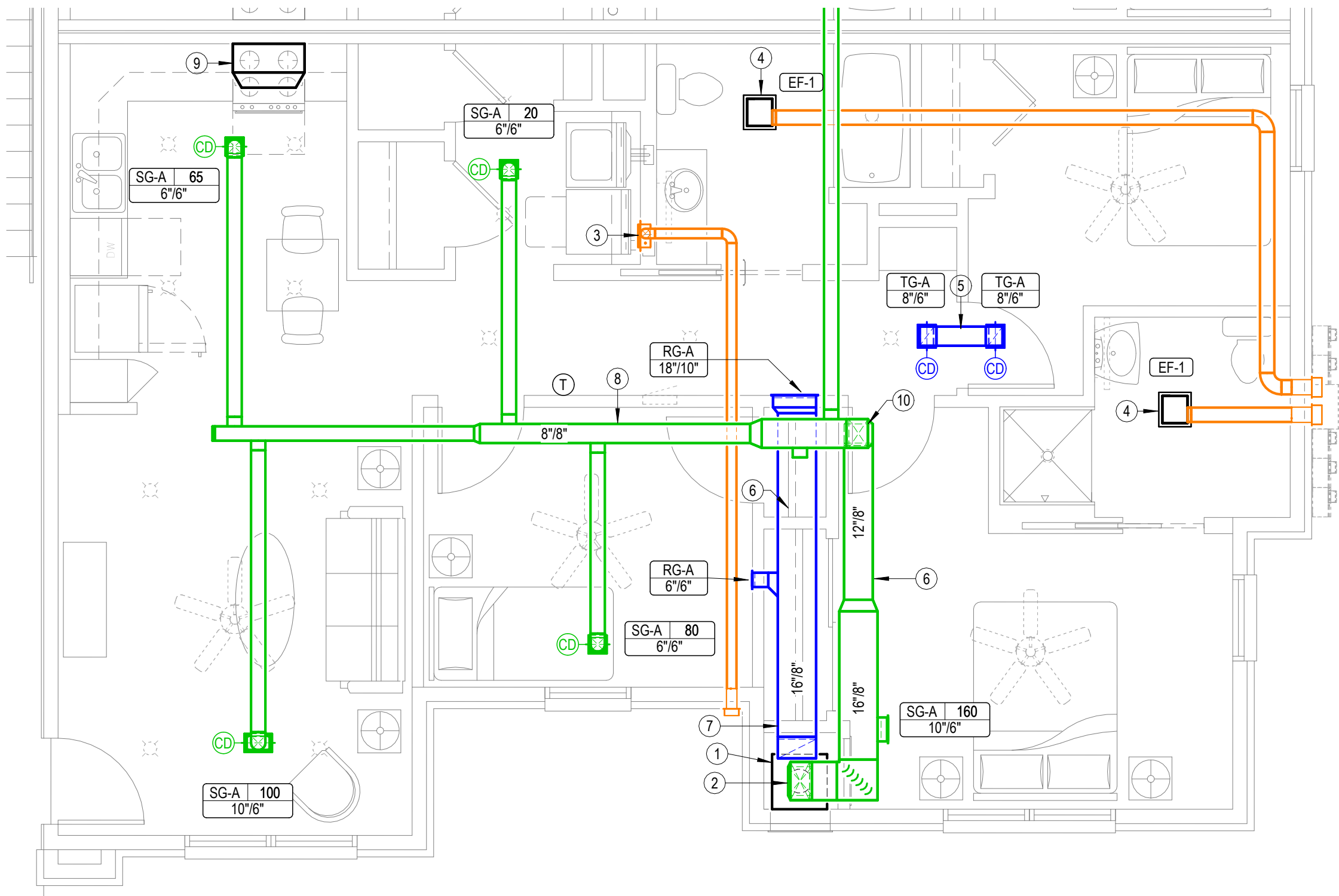
ROUTE DUCTWORK IN SOFFIT. COORDINATE EXACT LOCATION WITH G.C. AND ARCHITECT.
- 7

LINED RETURN DUCT TERMINATED WITH ELBOW DOWN IN VTAC CLOSET.
- 8

SUPPLY DUCT ROUTED HIGH BETWEEN JOISTS.
- 9

RECIRCULATING RANGE HOOD BY OTHERS.
- 10

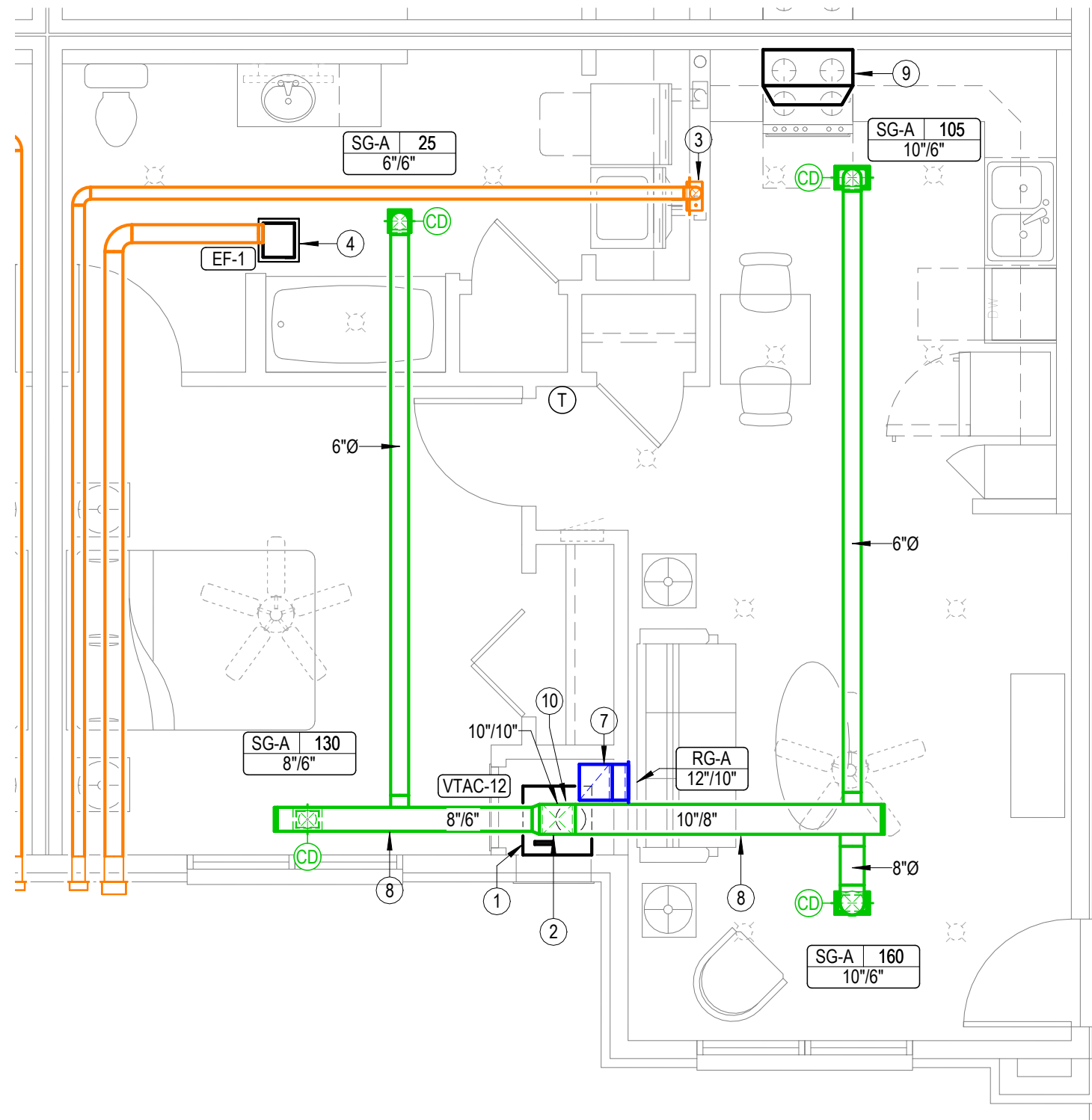
ROUTE DUCTWORK UP INTO JOIST SPACE. PROVIDE CEILING RADIATION DAMPER AT PENETRATION OF RATED CEILING ASSEMBLY.



3

FIRST AND SECOND FLOOR 3 BEDROOM ENLARGED HVAC PLAN

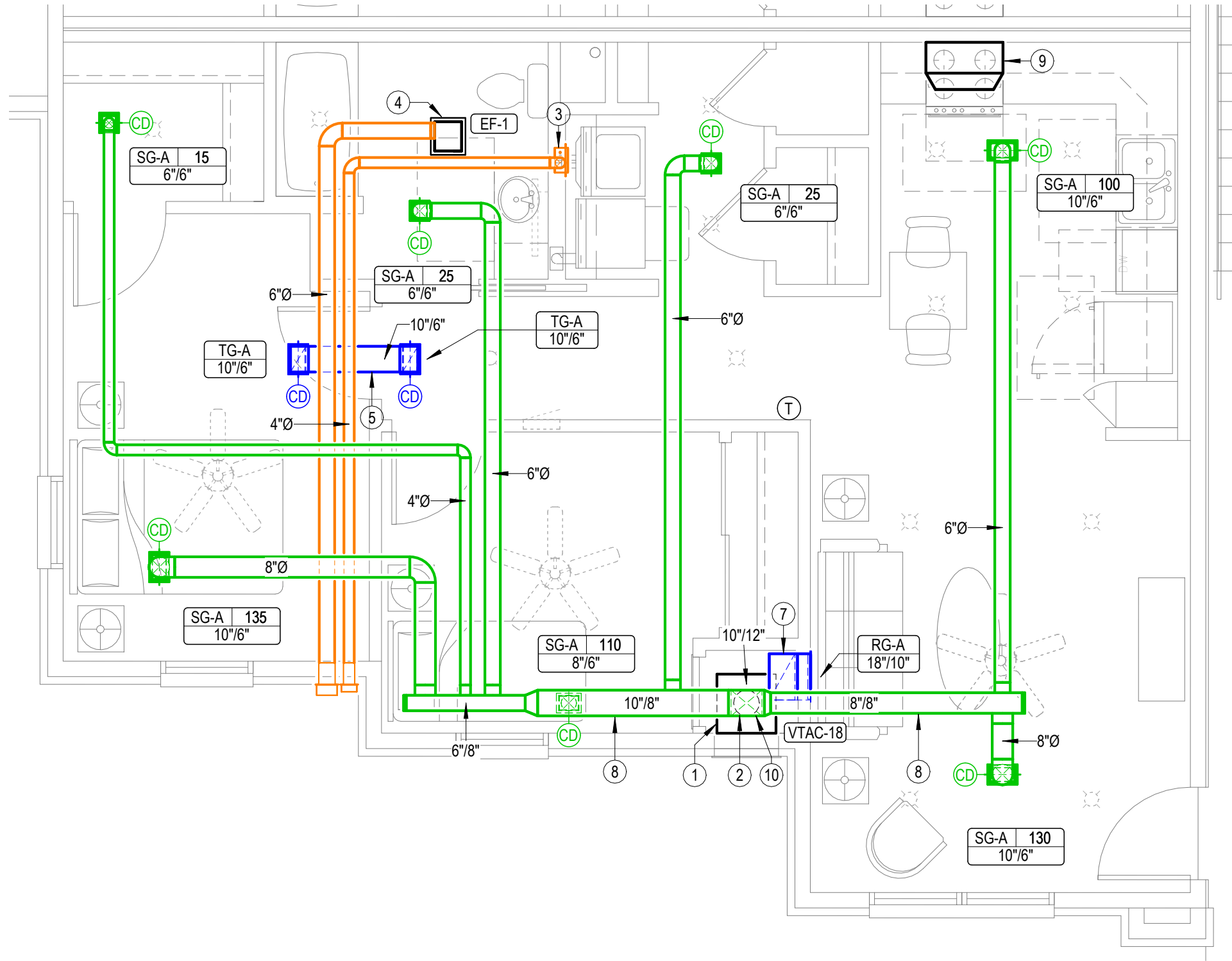
1/4" = 1'-0"



1

FIRST AND SECOND FLOOR 1 BEDROOM ENLARGED HVAC PLAN

1/4" = 1'-0"



2

FIRST AND SECOND FLOOR 2 BEDROOM ENLARGED HVAC PLAN

1/4" = 1'-0"







Grilles, Registers & Diffusers Schedule							
ID Type	Manufacturer	Model	Application			Mounting	Include Damper
			Supply	Return	Transfer		
RG-A	Titus	355RL	■			Surface Mount	No
SG-A	Titus	300R	■			Surface Mount	Yes
TG-A	Titus	355RL			■	Surface Mount	No
NOTES: <ul style="list-style-type: none"><li>Maximum noise criteria shall be 25.</li><li>Runouts to diffusers shall be same size as neck, U.N.O.</li><li>Paint objects visible through grilles with flat black paint.</li><li>Provide mounting frame as required for ceiling type. Coordinate with Architect.</li><li>Verify finish with Architect.</li><li>Provide devices with radiation dampers as required in rated ceilings. Coordinate with Architect.</li></ul>							

Exhaust Fan Schedule								
Mark	Manufacturer	Model	CFM	ESP	Power	Electrical Voltage	Phase	Notes
EF-1	Panasonic	FV-0511VQ1	80 CFM	0.25 in-wg	11 W	120 V	1	1,2,3,4,5,6
EF-2	Panasonic	FV-0511VQ1	50 CFM	0.25 in-wg	7 W	120 V	1	1,2,3,4,5,6
NOTES: <ul style="list-style-type: none"><li>Fixture shall be Energy Star listed.</li><li>Fixture shall operate at &lt; 1 SONE.</li><li>Provide with EC motor with integral disconnect.</li><li>Provide manufacturer's wall cap or roof jack, see plans.</li><li>Provide integral backdraft damper.</li><li>Provide with manufacturer's ceiling radiation damper. Omit radiation dampers where rated ceilings are not present, coordinate with Architect.</li></ul>								

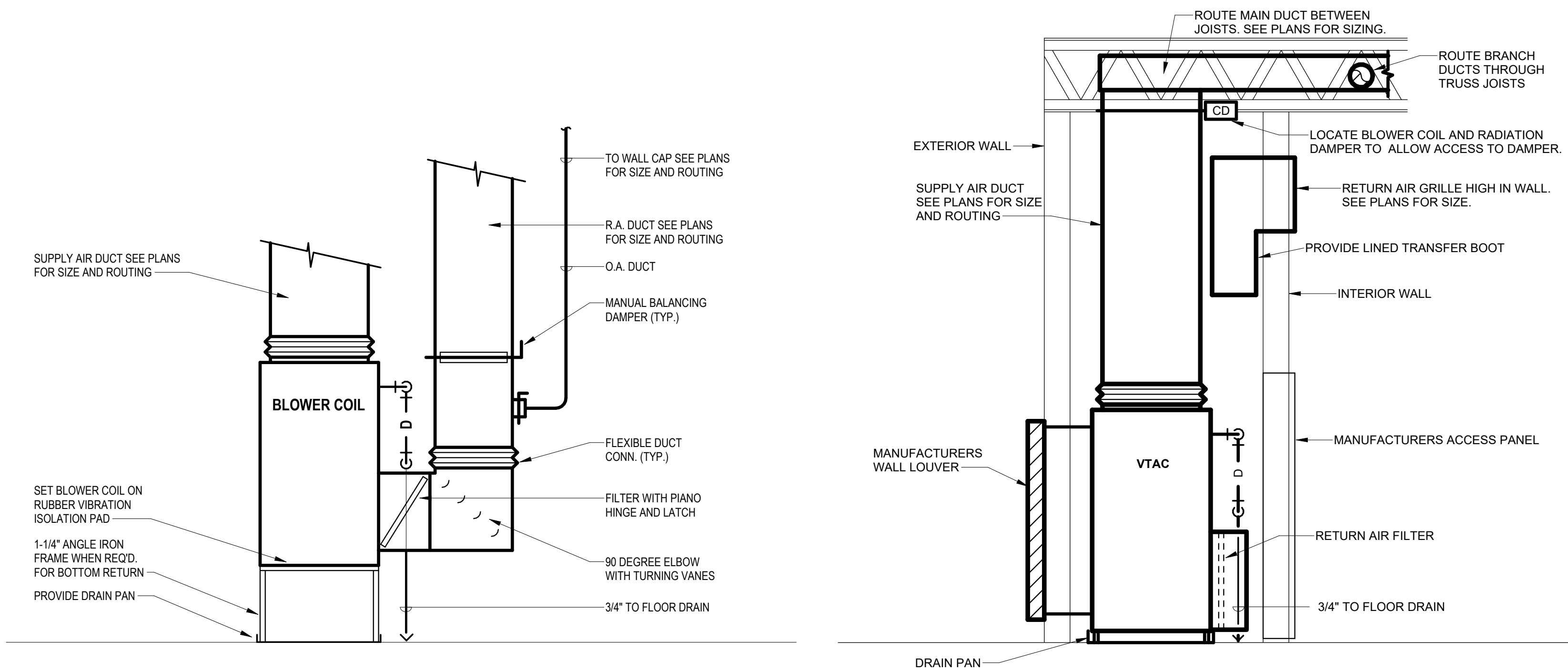
Electric Wall Heater Schedule							
Mark	Manufacturer	Model	Mounting	Watts	Voltage	Phase	Notes
EWH-1	Trane	UHWA	Wall	3.0 kW	208 V	1	Architectural fan forced wall heater
NOTES: <ul style="list-style-type: none"><li>Provide with high temperature thermal cutout and fan delay.</li><li>Provide with integral thermostat and unit mounted disconnect switch.</li><li>Provide with manufacturer's surface mounting adapter sleeve.</li></ul>							

Electric Unit Heater Schedule							
Mark	Manufacturer	Model	Mounting	Watts	Voltage	Phase	Notes
EH-1	Berko	RUX300812	Unit	3.0 kW	208 V	1	Explosion proof heater
NOTES: <ul style="list-style-type: none"><li>Provide with 24V thermostat.</li><li>Provide with mounting bracket as required.</li><li>Provide with integral disconnect switch.</li><li>Mount as high as possible, per manufacturers recommendations.</li></ul>							

VERTICAL PACKAGED TERMINAL AIR CONDITIONER SCHEDULE																		
MARK	MANUFACTURER	MODEL NUMBER	COOLING					HEATING			AIRFLOW	ESP	FAN SPEED	ELECTRICAL				NOTES
			OA DB	ENT DB	ENT WB	SENSIBLE COOLING	TOTAL COOLING	SEER2	TOTAL HEATING	HSPF2				ELECTRIC HEAT OUTPUT	MCA	MOCP	VOLTAGE	
VTAC-12	Friedrich	VHA12 - 34RTQ	95 °F	75 °F	63 °F	6,797 Btu/h	9,850 Btu/h	14.3	10,400 Btu/h	7.5	2.7 kW	420 CFM	0.30 in-wg	HIGH	19 A	20 A	208 V	
VTAC-18	Friedrich	VHA18 - 50RTQ	95 °F	75 °F	63 °F	12,248 Btu/h	16,330 Btu/h	14.3	16,000 Btu/h	7.5	4.1 kW	560 CFM	0.30 in-wg	HIGH	28 A	30 A	208 V	1
NOTES: 1. Provide with access panel. 2. Provide with accessory drain pan. 3. Provide with wall plenum and accessory architectural louver in color as selected by architect. 4. Provide with wired programmable thermostat. 5. Coordinate mounting height of unit and exterior louver with G.C. 6. Permanently seal fresh air opening in VTAC unit. Outside air is provided to space via bathroom exhaust fan. 7. Provide filter bracket at unit with minimum MERV 6 filter. 8. Provide with integral disconnect switch.																		

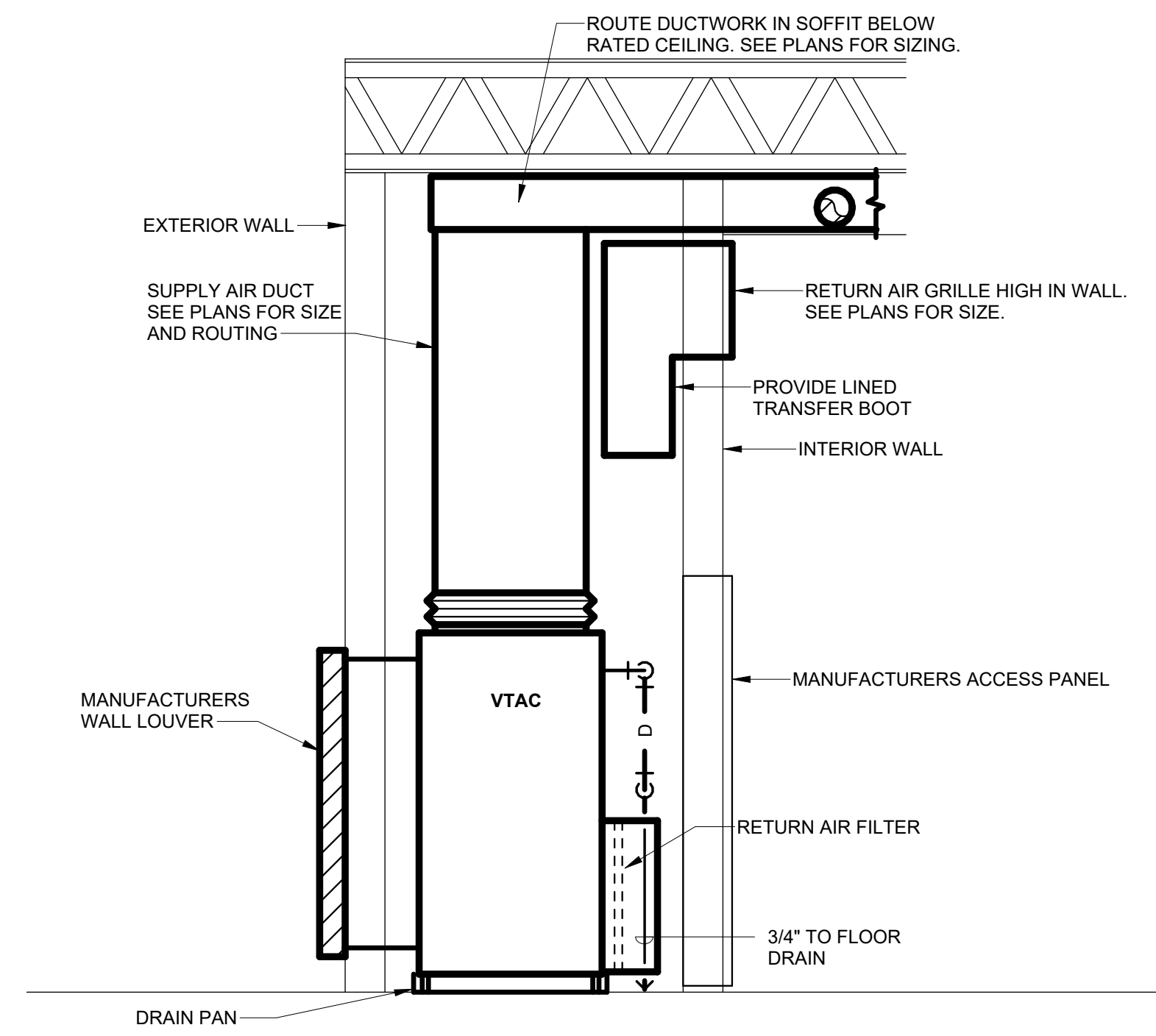
Heat Pump Schedule																
Type ID	Manufacturer	Model	Nominal Capacity	Cooling Capacity					Heating Capacity				Electrical			
				EDB	EDB	EWB	Net Sensible Capacity	Rated Cooling Capacity	SEER2 Rating	OA EDB	EDB	Rated Heating Capacity	HSPF2 Rating	Phase	MCA	MOCP
HP-1	Trane	4TWR4024	2.0 ton	105 °F	80 °F	67 °F	17,200 Btu/h	22,200 Btu/h	14.3	47 °F	70 °F	22,500 Btu/h	7.5	1	15 A	25 A
NOTES: <ul style="list-style-type: none"><li>Refrigerant lines shall be field fabricated. Coordinate line sizing requirements with equipment manufacturer for length.</li><li>Provide 7-day programmable thermostat.</li><li>Provide with R454B refrigerant.</li><li>Provide 2 sets of MERV-7 filters.</li></ul>																

Blower Coil Schedule										
Mark	Manufacturer	Model	Fan			Heating	Electrical		MCA	MOCP
			Airflow	ESP	Speed		Voltage	Phase		
BC-1	Trane	TEM4A0B31	800 CFM	0.50 in-wg	Medium	5.8 kW	208 V	1	38 A	40 A
NOTES: <ul style="list-style-type: none"><li>Single point connection required, coordinate the exact electrical requirements of equipment provided with E.C.</li><li>Electrical heater shall not operate simultaneously with heat pump. Electric heater shall be used as back-up heat only.</li></ul>										



1 **BLOWER COIL DETAIL**  
NO SCALE

2 **VTAC COIL DETAIL**  
NO SCALE



3 **VTAC COIL DETAIL 3RD FLOOR**  
NO SCALE



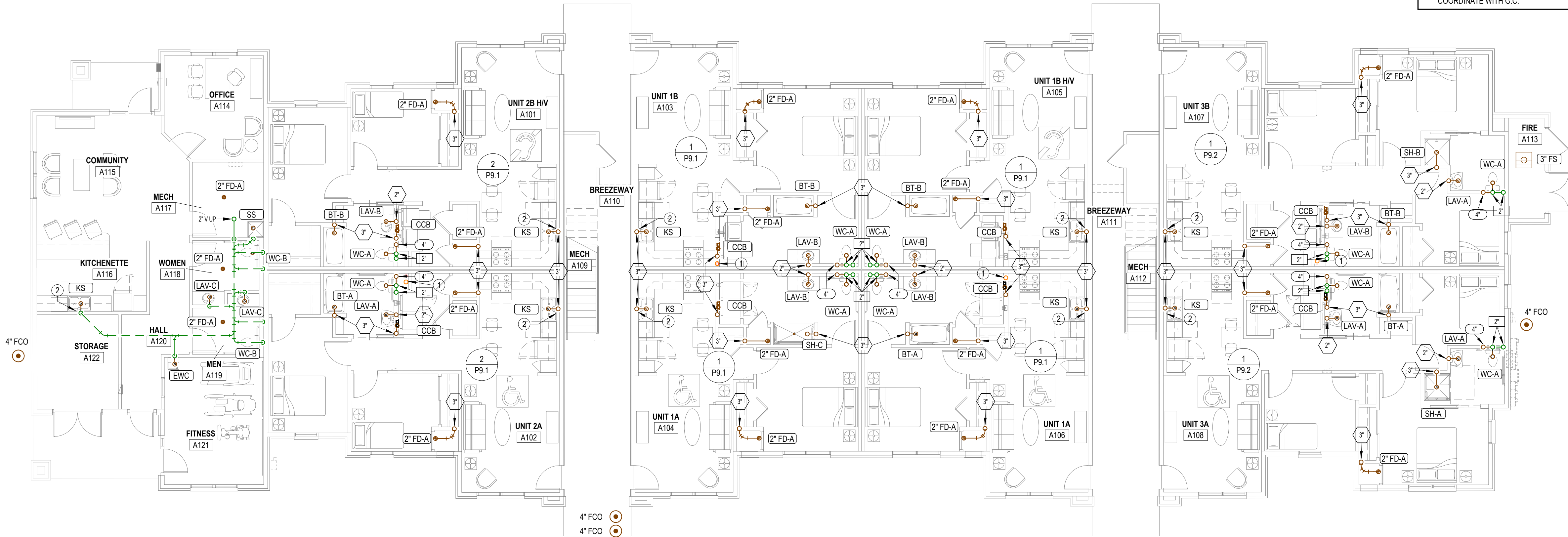






2

**BUILDING A-FIRST FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"



- W&V PLAN GENERAL NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFO.
  - SEE WASTE AND VENT ISOMETRICS ON SHEET P9.1 - P9.3 FOR ADDITIONAL INFO.
  - PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
  - ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER. COORDINATE WITH G.C.

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Project 24072 05/09/2025

**PLUMBING SIZING SYMBOLS**

Ø"	DRAIN (X = SIZE)
X"	VENT (X = SIZE)
X"	WASTE STACK VENT (X = SIZE)

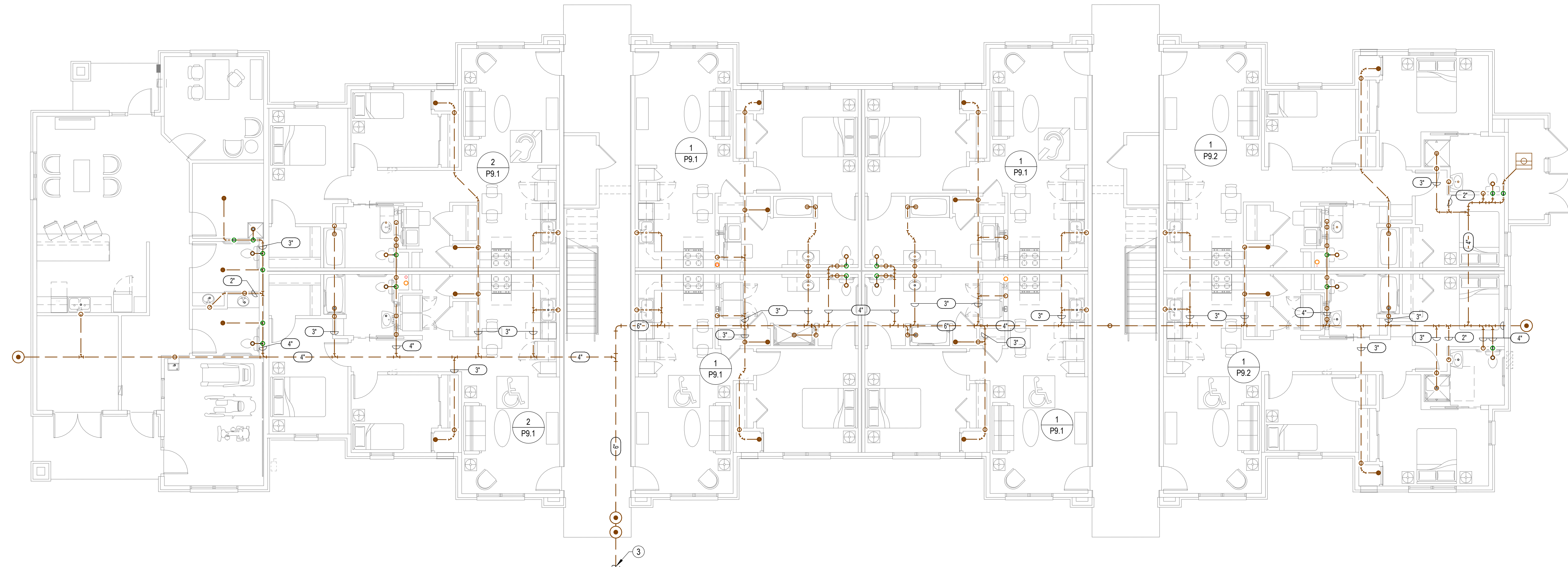
**NOTES BY SYMBOL**

- 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
- PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETRY. COORDINATE EXACT ROUTING WITH G.C.
- SEE ME1.0 FOR CONTINUATION.



1

**BUILDING A-UNDERFLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"



THE RESERVES AT COBALT CIRCLE

NEW APARTMENT COMPLEX

BROWNSVILLE



REVISIONS:

DATE: 05/09/2025  
JOB: 24-3446  
SHEET NO.:

P1.1

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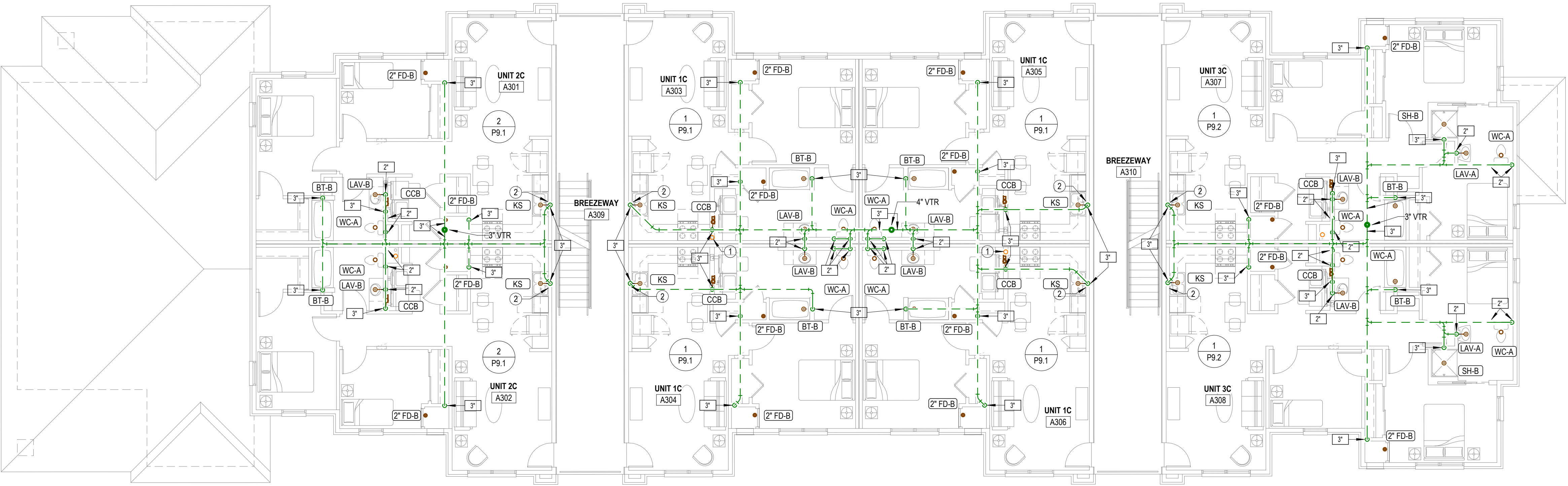
TENNESSEE



PLUMBING SIZING SYMBOLS	
	DRAIN (X = SIZE)
	VENT (X = SIZE)
	WASTE STACK VENT (X = SIZE)

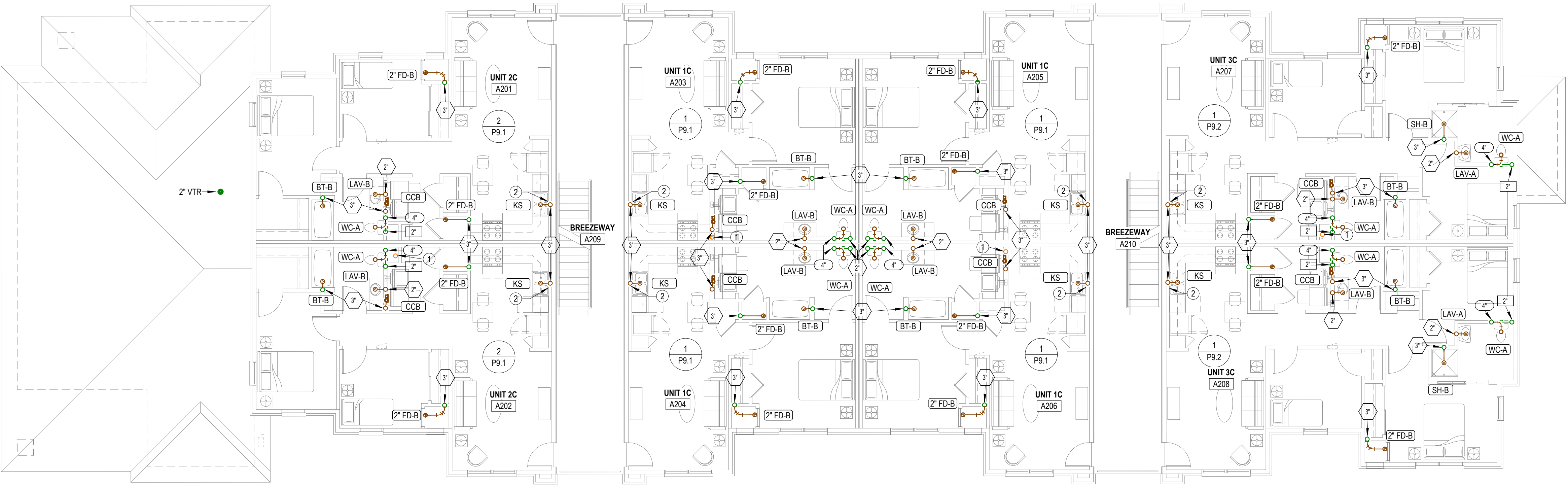
- NOTES BY SYMBOL**
- 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
  - PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETY. COORDINATE EXACT ROUTING WITH G.C.

- W&V PLAN GENERAL NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFO.
  - SEE WASTE AND VENT ISOMETRICS ON SHEET P9.1 - P9.3 FOR ADDITIONAL INFO.
  - PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
  - ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER. COORDINATE WITH G.C.



2

**BUILDING A-THIRD FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"



1

**BUILDING A-SECOND FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"

THE RESERVES AT COBALT CIRCLE

NEW APARTMENT COMPLEX

BROWNSVILLE

TENNESSEE



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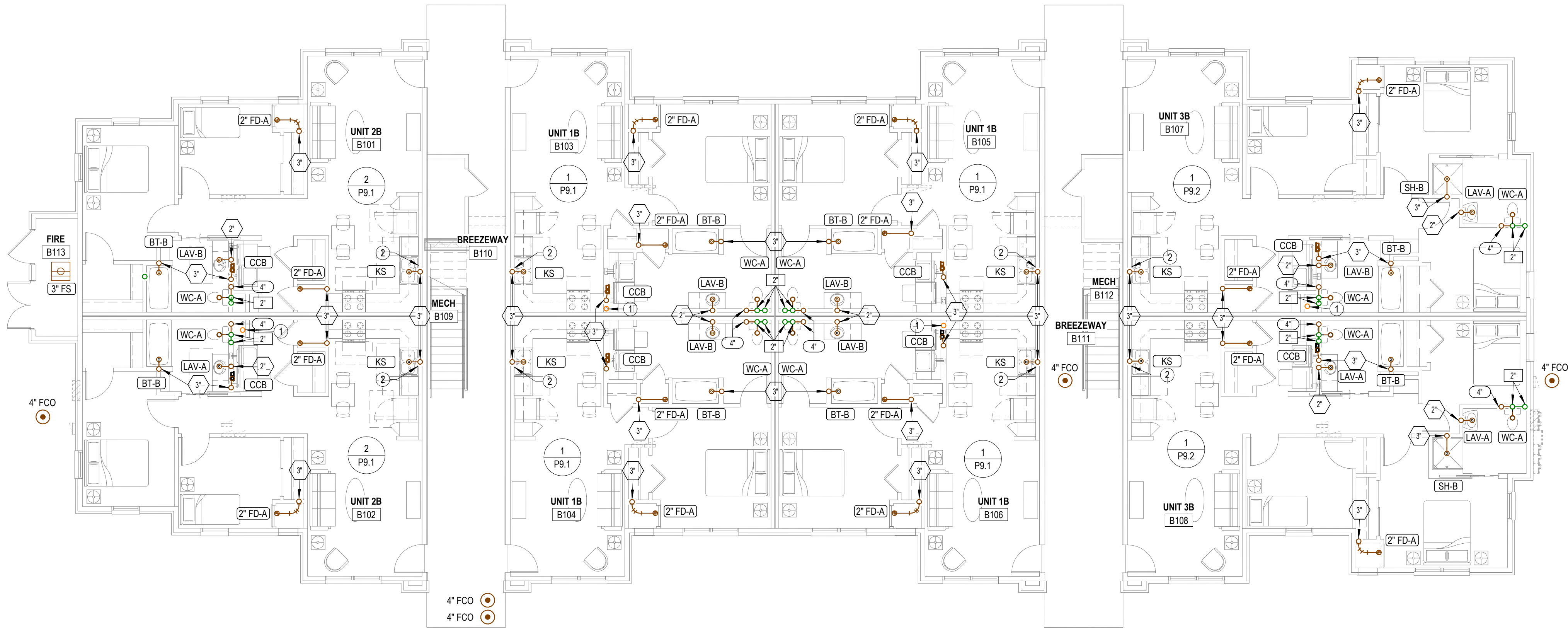




2

**BUILDING B-FIRST FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"

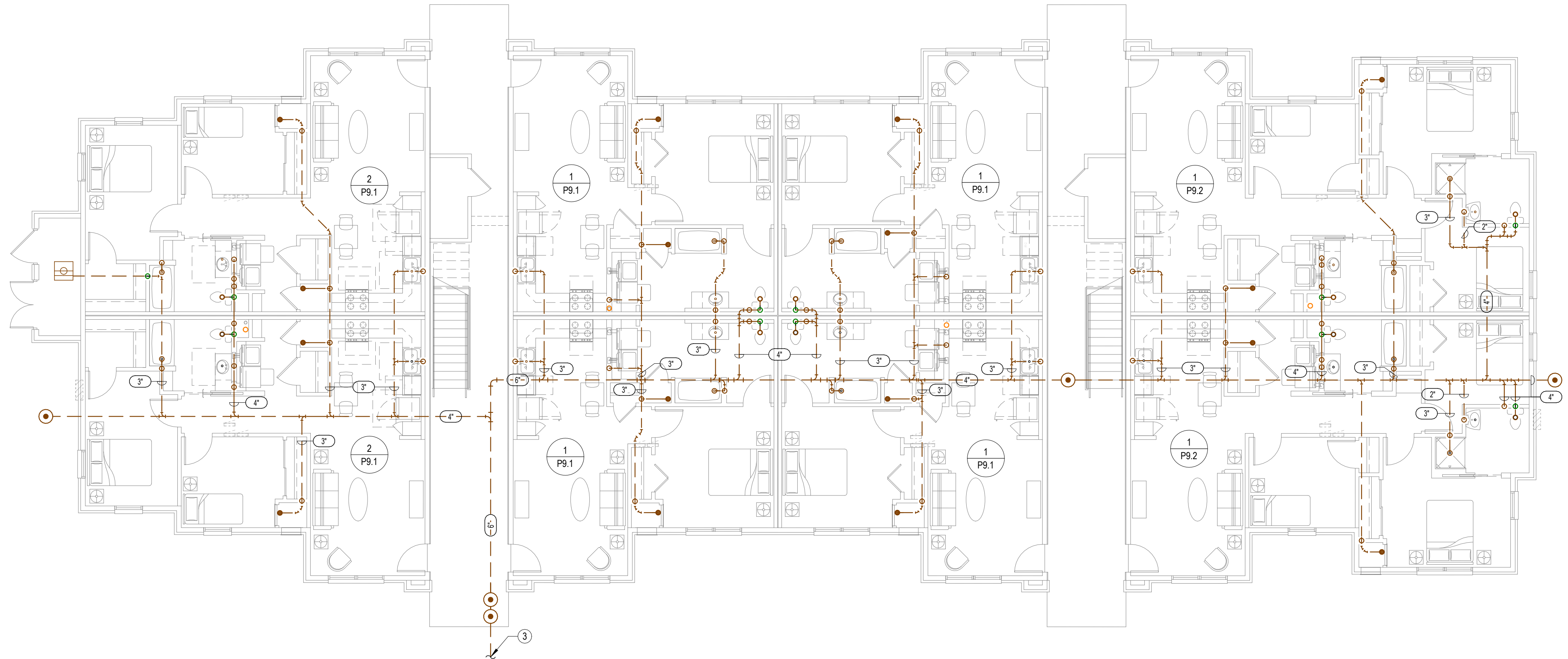
BUILDING 'C' SIMILAR



1

**BUILDING B-UNDERFLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"

BUILDING 'C' SIMILAR



**W&V PLAN GENERAL NOTES**

1. SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFO.
2. SEE WASTE AND VENT ISOMETRICS ON SHEET P9.1 - P9.3 FOR ADDITIONAL INFO.
3. PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
4. ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER. COORDINATE WITH G.C.



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Project 24072  
05/09/2025

**PLUMBING SIZING SYMBOLS**

3"	DRAIN (X = SIZE)
4"	VENT (X = SIZE)
6"	WASTE STACK VENT (X = SIZE)

**NOTES BY SYMBOL**

1. 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
2. PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETRY. COORDINATE EXACT ROUTING WITH G.C.
3. SEE ME1.0 FOR CONTINUATION.

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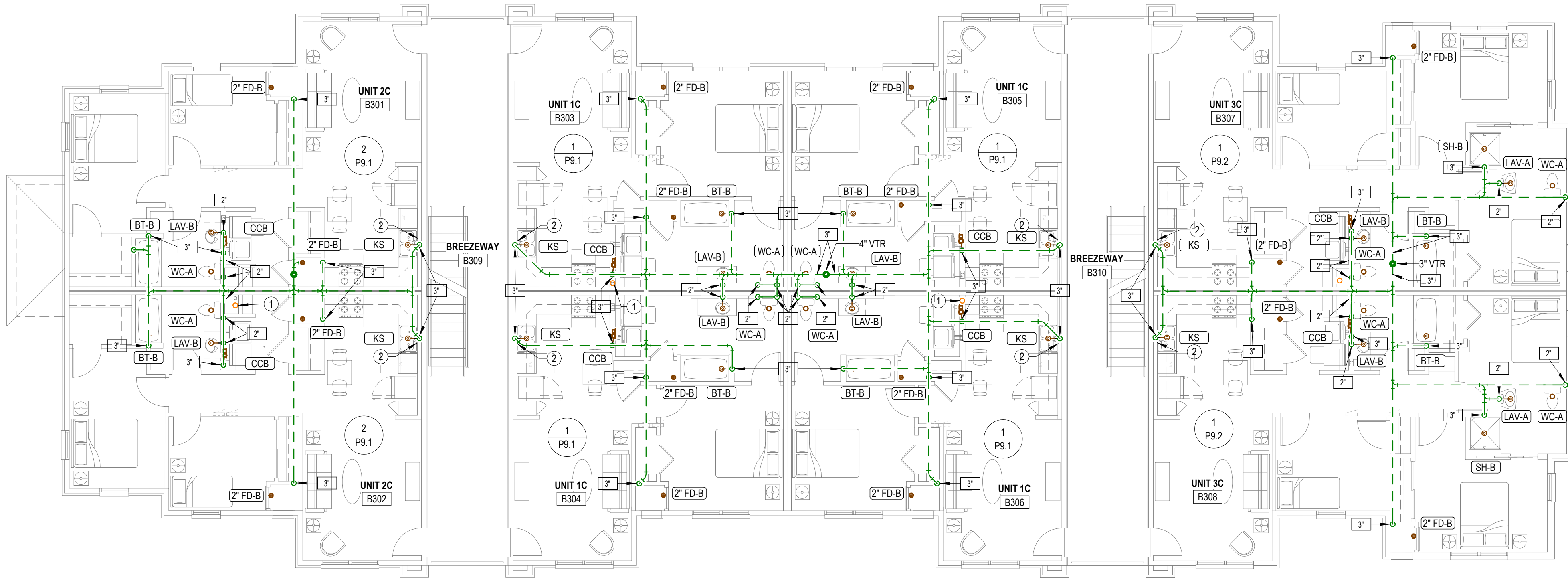




2

**BUILDING B-THIRD FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"

BUILDING 'C' SIMILAR



- W&V PLAN GENERAL NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFO.
  - SEE WASTE AND VENT ISOMETRICS ON SHEET P9.1 - P9.3 FOR ADDITIONAL INFO.
  - PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
  - ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER. COORDINATE WITH G.C.

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Project 24072 05/09/2025

PLUMBING SIZING SYMBOLS	
	DRAIN (X = SIZE)
	VENT (X = SIZE)
	WASTE STACK VENT (X = SIZE)

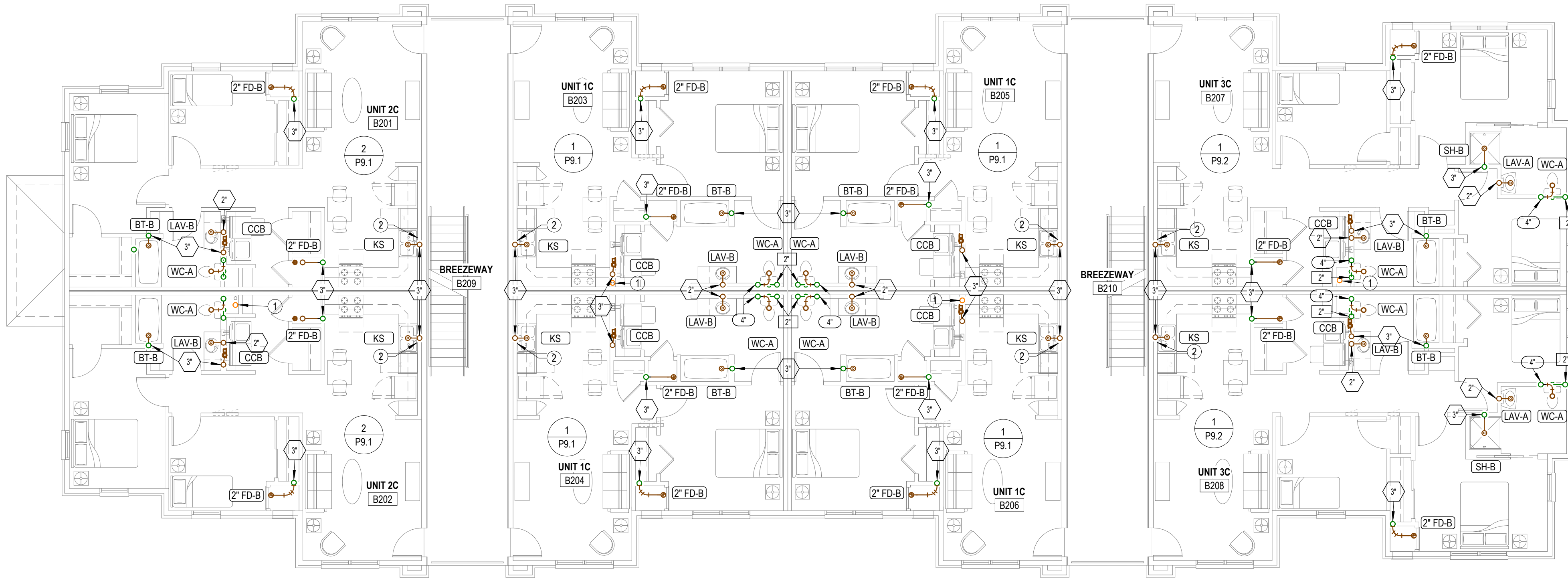
- NOTES BY SYMBOL**
- 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
  - PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETRY. COORDINATE EXACT ROUTING WITH G.C.



1

**BUILDING B-SECOND FLOOR-WASTE AND VENT PLAN**  
1/8" = 1'-0"

BUILDING 'C' SIMILAR



THE RESERVES AT COBALT CIRCLE

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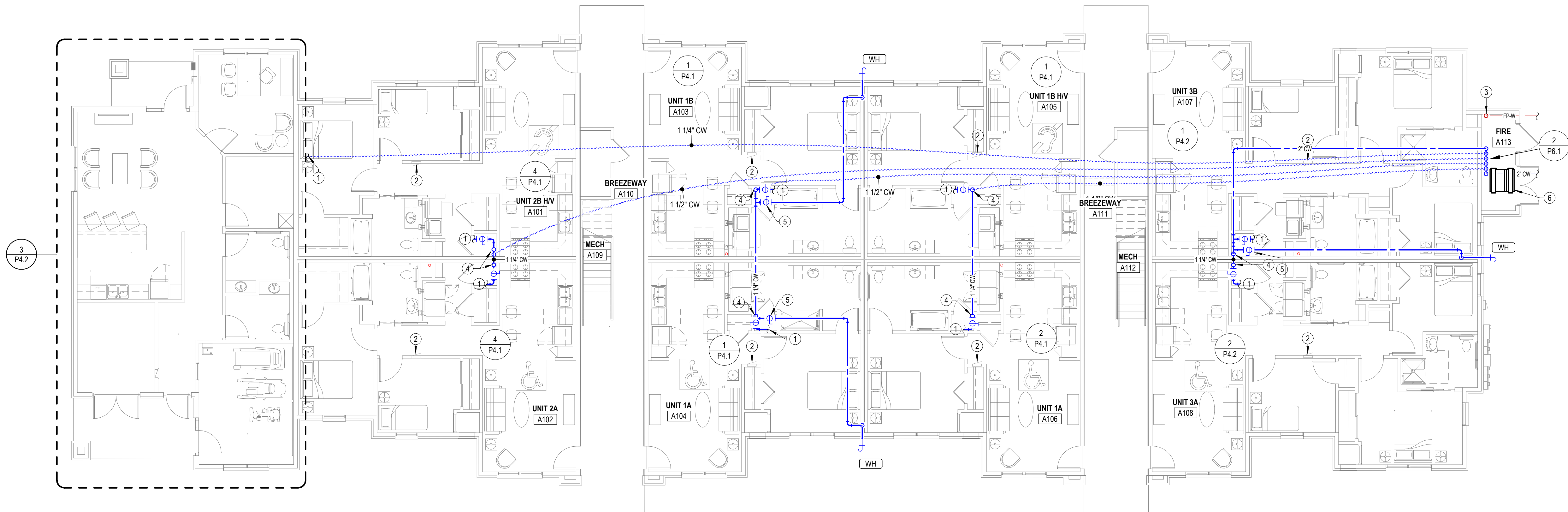




2

## BUILDING B-FIRST FLOOR-DOMESTIC WATER PLAN

1/8" = 1'-0"



1

## BUILDING A-FIRST FLOOR-DOMESTIC WATER PLAN

1/8" = 1'-0"

COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE		
	Cross-linked polyethylene (PEX)		Polypropylene
	1/2"	1/2"	1/2"
	3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"	1-1/2"
1-1/2"	2"	2"	2"
2"	2-1/2"	2-1/2"	2-1/2"
2-1/2"	3"	3"	3"
3"	3-1/2"	3-1/2"	3-1/2"

Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.

PIPING FOR DWELLING UNITS ON 3RD FLOOR SHALL BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.	
NOTES BY SYMBOL	
1	SEE ENLARGED DOMESTIC WATER PLANS FOR CONTINUATION.
2	ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
3	FIRE PROTECTION SERVICE ENTRANCE. INSTALL IN ACCORDANCE WITH NFPA 13. COORDINATE LOCATION OF ALL VALVES AND APPURTENANCES WITH AHJ. SEE 1-P6.1 FOR MORE INFORMATION.
4	SEE DOMESTIC PLUMBING RISERS ON P9 SHEETS FOR CONTINUATION.
5	CONNECT WALL HYDRANT WITH 3/4" CW BRANCH TO DOMESTIC WATER PIPING AHEAD OF TENANT SHUT-OFF VALVE. PROVIDE SHUT-OFF VALVE ACCESSIBLE IN MECHANICAL CLOSET. REFERENCE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND COORDINATE WITH G.C.
6	PROVIDE ALTERNATE BID TO PROVIDE AND INSTALL DOMESTIC WATER BOOSTER SYSTEM EQUAL TO QUANTUM FLO PRODIGY DUPLEX CAPABLE OF DELIVERING 70 GPM AT 41 PSI WITH AN INLET PRESSURE OF 16 PSI.



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05/09/2025

THE RESERVES AT COBALT CIRCLE

NEW APARTMENT COMPLEX

BROWNSVILLE

JonesGillamRenz

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REVISIONS:

DATE:	05/09/2025
JOB:	24-3446
SHEET NO.:	

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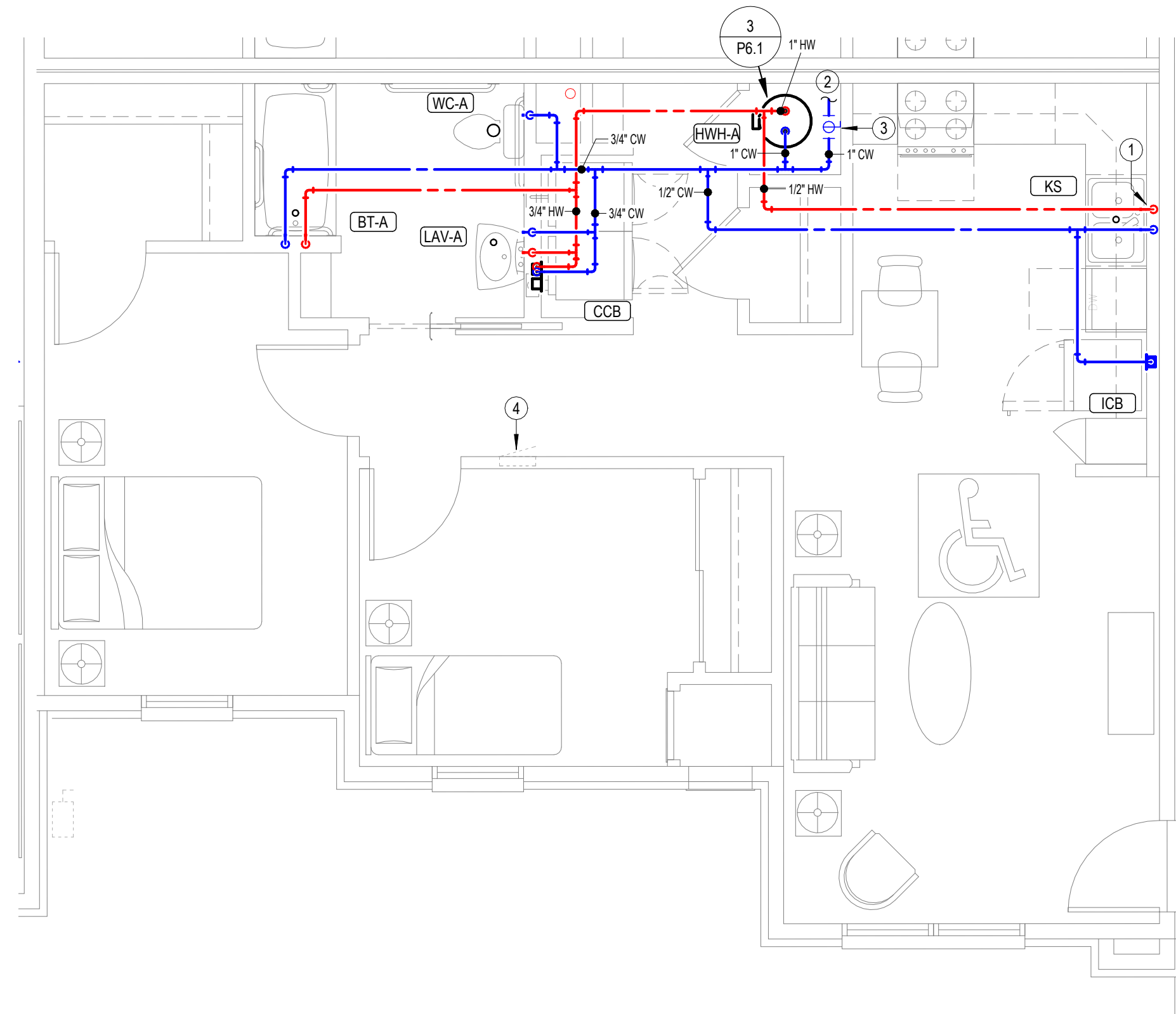




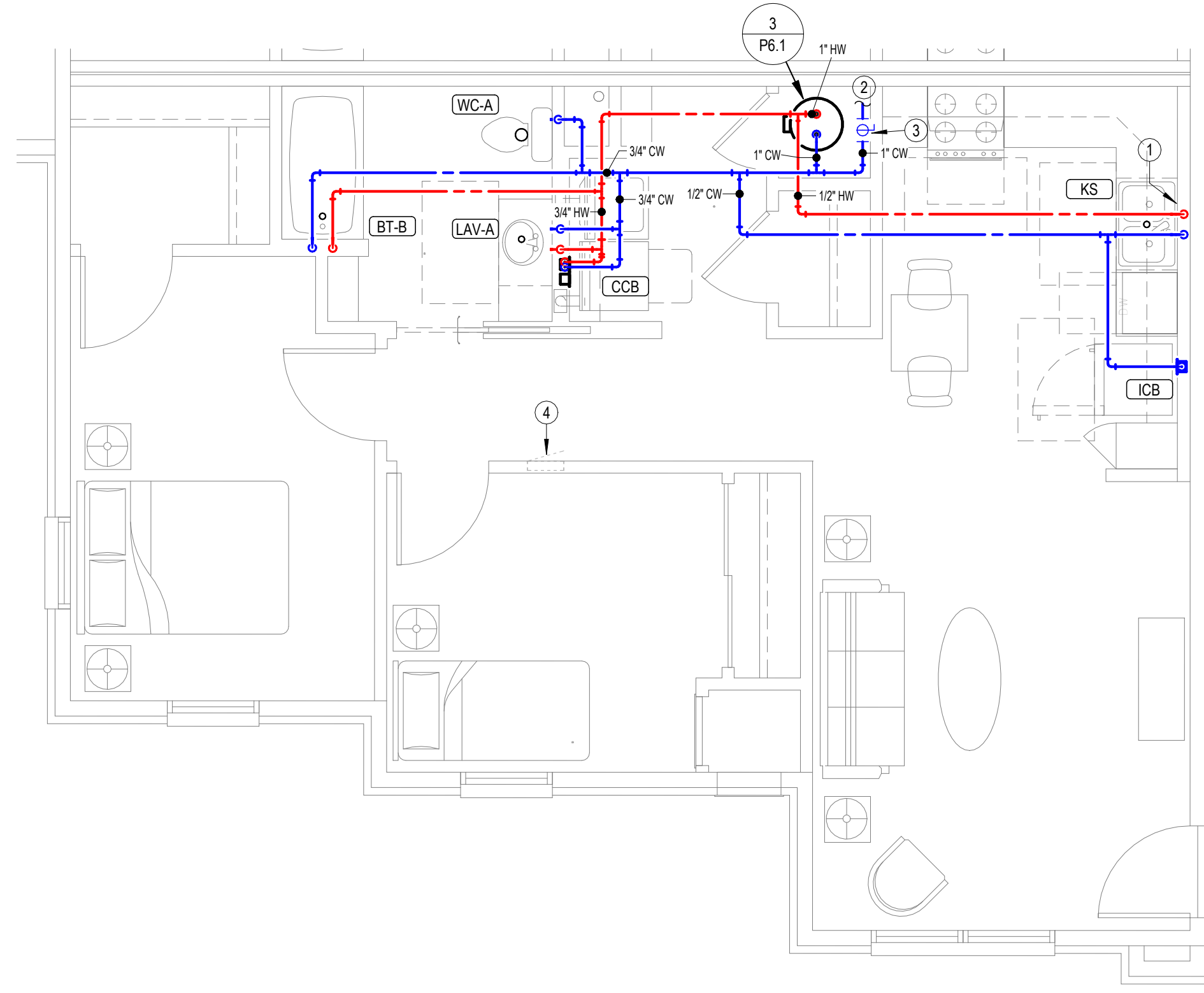
Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.

## NOTES BY SYMBOL

- 1 PROVIDE 1/2" VALVED BRANCH BELOW SINK AND CONNECT DISHWASHER.  
ROUTE PIPING ALONG BACK OF CABINETRY. COORDINATE EXACT ROUTING  
WITH G.C. COORDINATE EXACT REQUIREMENTS WITH DISHWASHER PROVIDED.
- 2 SEE OVERALL DOMESTIC WATER PLANS FOR CONTINUATION.
- 3 PROVIDE 1" WATER SERVICE TO APARTMENT WITH SHUT-OFF VALVE, SEE  
DOMESTIC RISER DIAGRAMS FOR ADDITIONAL INFORMATION.
- 4 ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING  
ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
- 5 IN UNIT A104 WITH ROLL-IN SHOWER COORDINATE SHOWERHEADS AND CONTROL  
LOCATIONS WITH ARCHITECT.



## 4 2 BEDROOM ACCESSIBLE ENLARGED DOMESTIC WATER PLAN



### 3 2 BEDROOM ENLARGED DOMESTIC WATER PLAN

## NEW APARTMENT COMPLEX

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Project 24072

05/09/2025

PLUMBING SIZING SYMBOLS

X"

DRAIN (X = SIZE)

X"

VENT (X = SIZE)

X"

WASTE STACK VENT (X = SIZE)

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THE RESERVES AT COBALT CIRCLE

NEW APARTMENT COMPLEX

TENNESSEE

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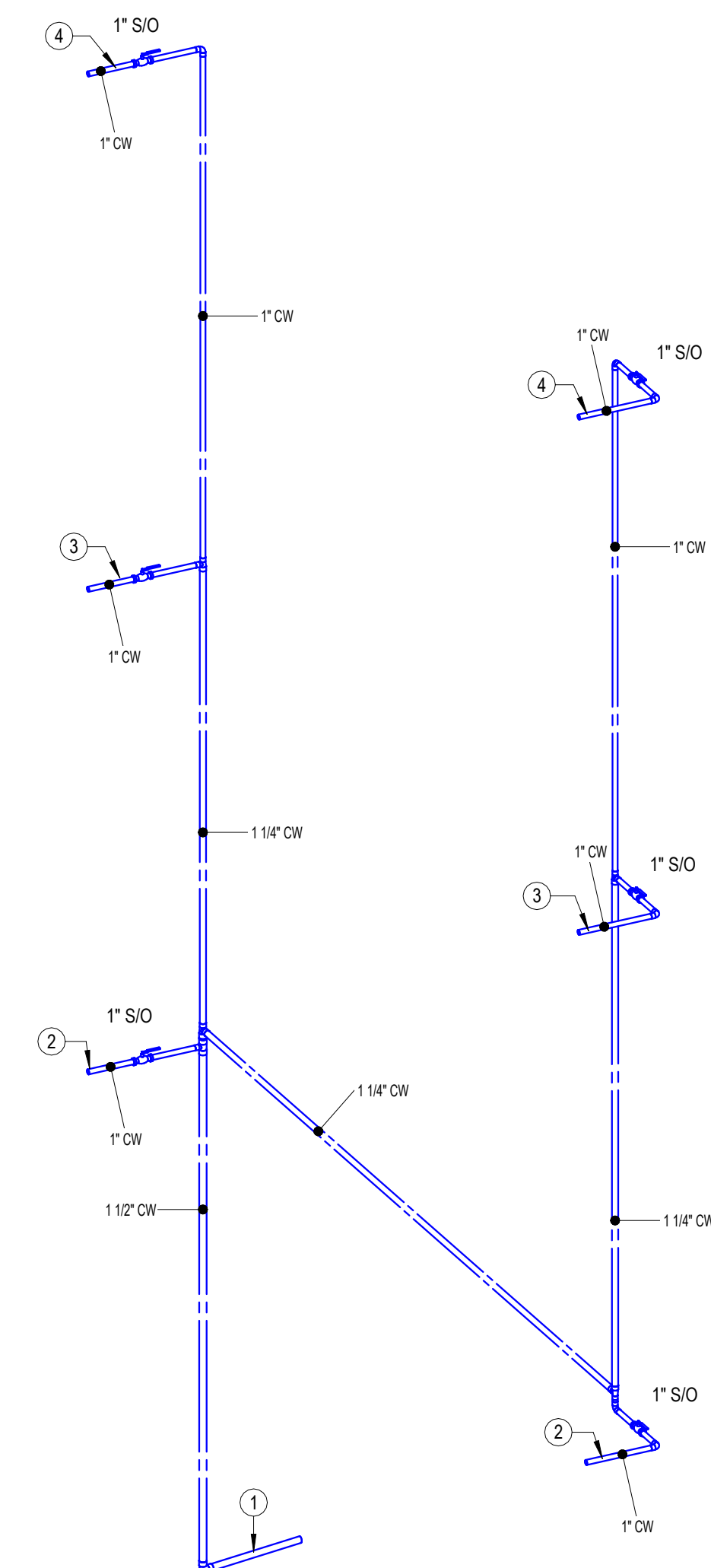
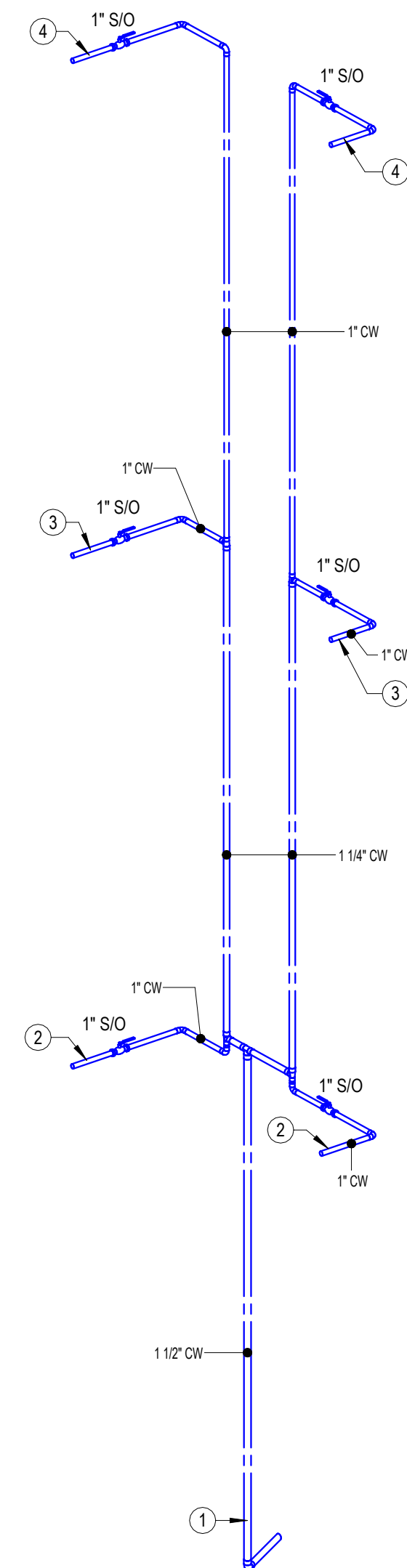
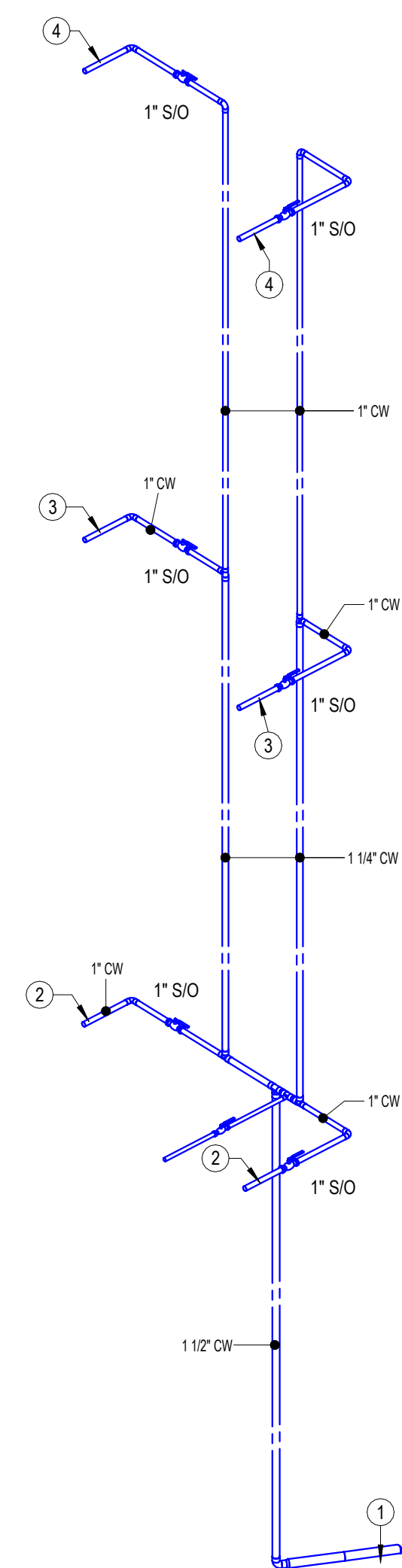
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2 TYPICAL 2 BEDROOM WASTE AND VENT RISER

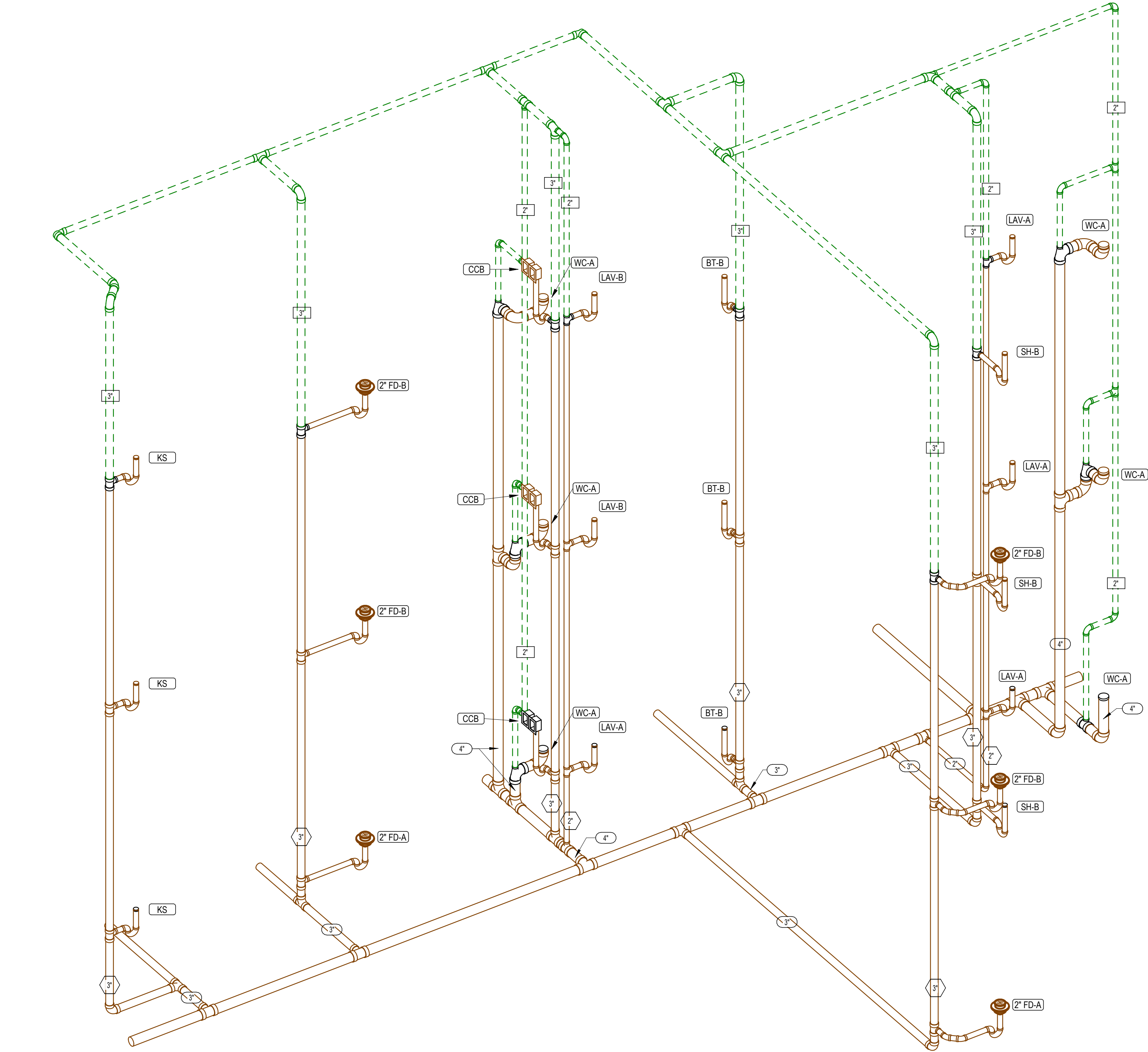
1 TYPICAL 1 BEDROOM WASTE AND VENT RISER





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**Project 24072** **05/09/2025**






1 **TYPICAL 3 BEDROOM WASTE AND VENT RISER**



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PLUMBING SIZING SYMBOLS	
	DRAIN (X = SIZE)
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