

MECHANICAL DRAWING / REVISION LOG		DATE	
NUMBER	NAME	ISSUE	DATE
		●	NEW OR REVISED ISSUE
		○	NON REVISED ISSUE
			ISSUE: DESIGN DEVELOPMENT 02/27/2024
			50% CD 03/18/2024
			PERMIT 03/25/2024
M0.01	MECHANICAL COVER SHEET	●	
M1.01	MECHANICAL 1ST AND 2ND FLOOR PLANS	●	
M1.02	MECHANICAL 3RD FLOOR AND ROOF PLANS	●	
M4.01	MECHANICAL DETAILS	●	
M6.01	MECHANICAL UNIT PLANS	●	
M6.02	MECHANICAL UNIT PLANS	●	
M6.03	MECHANICAL UNIT PLANS	●	
M6.04	MECHANICAL UNIT PLANS	●	
M7.01	MECHANICAL SCHEDULES	●	

KEY TO SYMBOLS	
SYMBOL	DESCRIPTION
	EQUIPMENT IDENTITY (SEE EQUIPMENT ABBREVIATION LIST AND SCHEDULES)
	EQUIPMENT DESIGNATION
	SYSTEM NUMBER (IF APPLICABLE)
	RISER TYPE, REFER TO ABBREVIATIONS
	RISER DESIGNATION
	RISER NUMBER, REFER TO PLANS AND/OR RISER DIAGRAMS
	REVISION NUMBER
	ITEMS INCLUDED UNDER REVISION
	SHEET NOTE NUMBER
	AIR DEVICE IDENTITY (SEE ABBREVIATION LIST AND SCHEDULES)
	AIR DEVICE TYPE AIR DEVICE SIZE AIR DEVICE CAPACITY

CODE COMPLIANCE	
2021 INTERNATIONAL BUILDING CODE	
2021 INTERNATIONAL MECHANICAL CODE	
2021 INTERNATIONAL FUEL GAS CODE	
2021 NATIONAL STANDARD PLUMBING CODE	
2020 NATIONAL ELECTRICAL CODE	

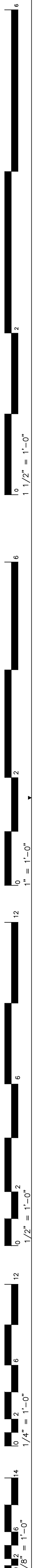
	SUPPLY AIR DUCT UP
	EXHAUST OR RETURN AIR DUCT UP
	SUPPLY AIR DUCT DOWN
	EXHAUST OR RETURN AIR DUCT DOWN
	DUCT WITH ACOUSTIC LINING
	CEILING DIFFUSER
	CEILING GRILLE
	THERMOSTAT, SENSOR
	DOOR LOUVER
	UNDERCUT DOOR
	VOLUME DAMPER
	ACCESS DOOR
	MOTORIZED DAMPER
	DUCT SMOKE DETECTOR
	FIRE DAMPER WITH ACCESS DOOR
	COMBINATION FIRE/SMOKE DAMPER WITH ACCESS DOOR (HORIZONTAL/VERTICAL)
	UNIT HEATER
	CABINET UNIT HEATER (CUH)
	CONDENSING UNIT

MECHANICAL GENERAL NOTES	
1. ALL LOW PRESSURE BRANCH DUCTWORK (SUPPLY AND RETURN) SHALL BE PROVIDED WITH VOLUME CONTROL SPLITTER DAMPERS AND VOLUME DAMPERS RESPECTIVELY.	
2. PROVIDE FIRE DAMPER AT ALL 2-HOUR OR MORE FIRE RATED WALL PENETRATIONS. SHEET METAL ACCESS DOORS AS WELL AS ACCESS DOORS IN FINISHED CONSTRUCTION SHALL BE PROVIDED FOR ALL DAMPERS. FIRE DAMPER FIRE RATINGS SHALL BE COORDINATED WITH WALL TYPES AS INDICATED ON ARCHITECTURAL DOCUMENTS. FIRE DAMPERS SHALL BE OUT OF AIR STREAM TYPE.	
3. FIRE AND SMOKE STOP ALL DUCT PENETRATION OPENINGS IN FIRE AND SMOKE RATED CONSTRUCTION.	
4. PROVIDE COMBINATION FIRE SMOKE DAMPERS (WITH ACCESS DOORS) AT THE FOLLOWING POINTS: A. POINT OF PASSING THROUGH SHAFT WALLS TO CONNECT TO VERTICAL RISERS. B. PASSING THROUGH FLOOR OR ROOF CONSTRUCTION WHERE REQUIRED BY ARCHITECT. C. PASSING THROUGH FIRE RATED PARTITIONS (REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE RATED PARTITIONS). D. WHERE INDICATED OR REQUIRED BY CODE.	
5. BORDER TYPES, COLOR, FINISHES, AND METHOD OF ATTACHMENT FOR ALL DIFFUSERS, GRILLES AND REGISTERS SHALL BE COORDINATED WITH THE ARCHITECTURAL CEILING DETAILS AND SPECIFICATIONS.	
6. ALL DUCT DIMENSIONS INDICATED ARE CLEAR INSIDE DUCT DIMENSIONS. (INCREASE SIZE ACCORDINGLY FOR INTERIOR DUCT LINING) PROVIDE ACOUSTICAL DUCT LINING FOR DUCTWORK IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.	
7. PROVIDE ACCESS DOORS IN DUCTWORK WHERE INDICATED OR REQUIRED FOR ACCESS TO SYSTEM COMPONENTS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: A. AUTOMATIC DAMPERS B. FIRE DAMPERS C. VOLUME DAMPERS D. FIRE SMOKE DAMPERS	
8. ALL DUCTWORK IS TO BE KEPT AS HIGH AS POSSIBLE SO AS TO MAINTAIN CEILING HEIGHTS SHOWN ON ARCHITECTURAL DRAWINGS. WHERE PIPING, LIGHTS CONDUIT AND DUCTWORK COMPLEX, DUCTWORK SHALL OFFSET UP AND DOWN.	
9. PROVIDE VOLUME DAMPERS FOR ALL SUPPLY, RETURN, EXHAUST OUTLETS, AND AT EVERY DUCTWORK BRANCH, TAP AND SPLIT.	
10. THERMOSTAT SHOULD BE LOCATED 4'-0" A.F.F. AND 9" FROM EDGE OF DOOR U.O.N. FINAL LOCATIONS TO BE VERIFIED WITH THE ARCHITECT. FINISHED PAINT COLOR TO BE SELECTED BY THE OWNER. MANUFACTURER'S LOGO SHALL NOT BE EXPOSED.	
11. REFER TO SCHEDULE SHEETS FOR THE DIFFUSER, GRILLE AND REGISTER SCHEDULES.	
12. HVAC DESIGN CRITERIA SHALL COMPLY WITH THE STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS (ASHRAE) GUIDELINES, ETC.	
13. ALL METAL LOUVERS, AND ALL BLANK OFF PANELS (INSULATED OR NOT INSULATED, ACTIVE OR INACTIVE) FOR LOUVERS SHALL BE PROVIDED UNDER THIS SECTION OF THE SPECIFICATIONS. WIRE MESH SCREENS FOR LOUVERS SHALL BE PROVIDED BY THE LOUVER MANUFACTURER. ALL OTHER WIRE MESH SCREENS SHALL BE PROVIDED UNDER THIS SECTION OF THE SPECIFICATIONS.	
14. THIS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER FOR EXPEDITING AND RESOLVE.	
15. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS OF TEMPORARY PARTITIONS AND/OR TARPES TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.	
16. ANY FLEX DUCT IS TO BE SEALED APPROPRIATELY WITH UL-181 COMPLIANT MASTIC OR APPROVED TAPES TO REMAIN APPROPRIATELY SEALED.	
17. ALL DUCTED HEATING DISTRIBUTION TO BE INSULATED MEETING THE FOLLOWING REQUIREMENTS: - R-4 FOR DUCT IN CONDITIONED SPACE - R-6 FOR DUCT IN UNCONDITIONED SPACE - R-8 FOR DUCT IN OUTDOOR SPACE	
18. ALL DUCTWORK TO BE SEALED WITH UL-181 COMPLIANT MASTIC, APPLIED ON ALL TRANSITIONS, SEAMS, AND PENETRATIONS.	

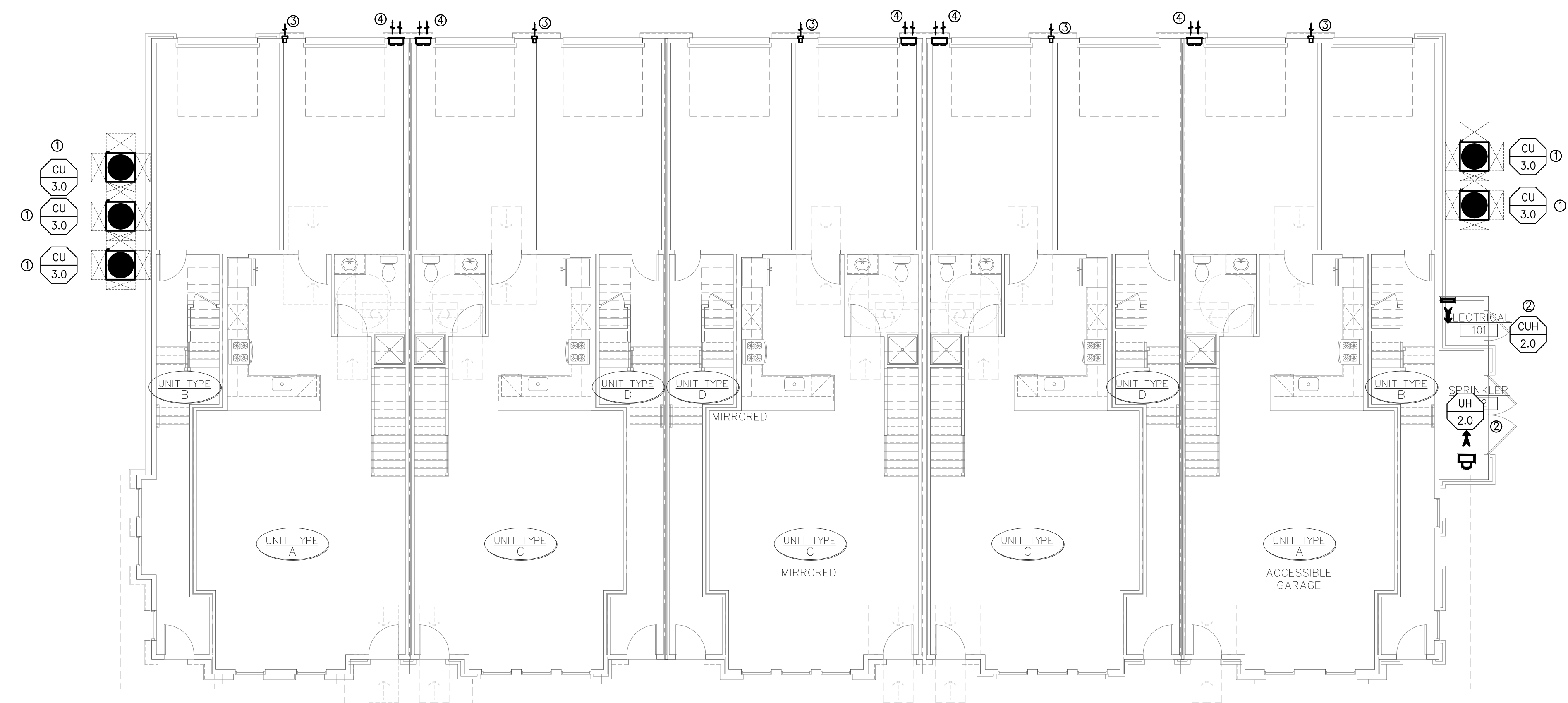
ABBREVIATIONS	
AC	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL	ACOUSTICAL LINING
ALD	AUTOMATIC LOUVER DAMPER
BDD	BACK DRAFT DAMPER
BMS	BUILDING MANAGEMENT SYSTEM
BRD	BAROMETRIC RELIEF DAMPER
BRR	BUILDING RETURN RISER
BSR	BUILDING SUPPLY RISER
BVR	BUILDING VENTILATION RISER
CAV	CONSTANT AIR VOLUME
CD	CEILING DIFFUSER
COO	CLEAN OUT DOOR
CP	CONDENSATE PUMP
CR (G)	CEILING REGISTER OR GRILLE
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
COUH	CEILING CABINET UNIT HEATER
EMR	ELEVATOR MACHINE ROOM
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EX	EXHAUST
EXR	EXHAUST RISER
FAI	FRESH AIR INTAKE
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FL	FIRE LIFT
GEF	GARAGE EXHAUST FAN
FSD	COMBINATION FIRE/SMOKE DAMPER
KEX	KITCHEN EXHAUST
KMAU	KITCHEN MAKE UP AIR
MER	MECHANICAL EQUIPMENT ROOM
MLWMS	METAL LOUVER WITH WIRE MESH SCREEN
NC	NORMALLY CLOSED
NK	NECK SIZE
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
OBD	OPPOSED BLADE DAMPER
PC	PUMPED CONDENSATE
RA	RETURN AIR
RG	RETURN GRILLE
RTU	ROOF TOP UNIT
S	SUPPLY
SA	SUPPLY AIR
SD	SMOKE DAMPER
SF	SQUARE FEET
SPR	STAIR PRESSURIZATION RETURN
SR	SIDE REGISTER
SPF	STAIR PRESSURIZATION FAN
S/S	STAINLESS STEEL
TR	TOP REGISTER
TR (G)	TOP REGISTER OR GRILLE
TXR	TOILET EXHAUST RETURN
TX	TOILET EXHAUST FAN
TXF	TOILET EXHAUST FAN
UC	UNDERCUT DOOR (1 INCH)
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
VD	VOLUME DAMPER
VI	VIBRATOR ISOLATOR
WMS	WIRE MESH SCREEN

MECHANICAL COVER SHEET	
RELEASED FOR	DATE
<input type="checkbox"/> SCHEMATIC DESIGN	1/26/2024
<input type="checkbox"/> DESIGN DEVELOPMENT	2/21/2024
<input type="checkbox"/> 50% CDS	3/18/2024
<input checked="" type="checkbox"/> PERMIT	3/25/2024

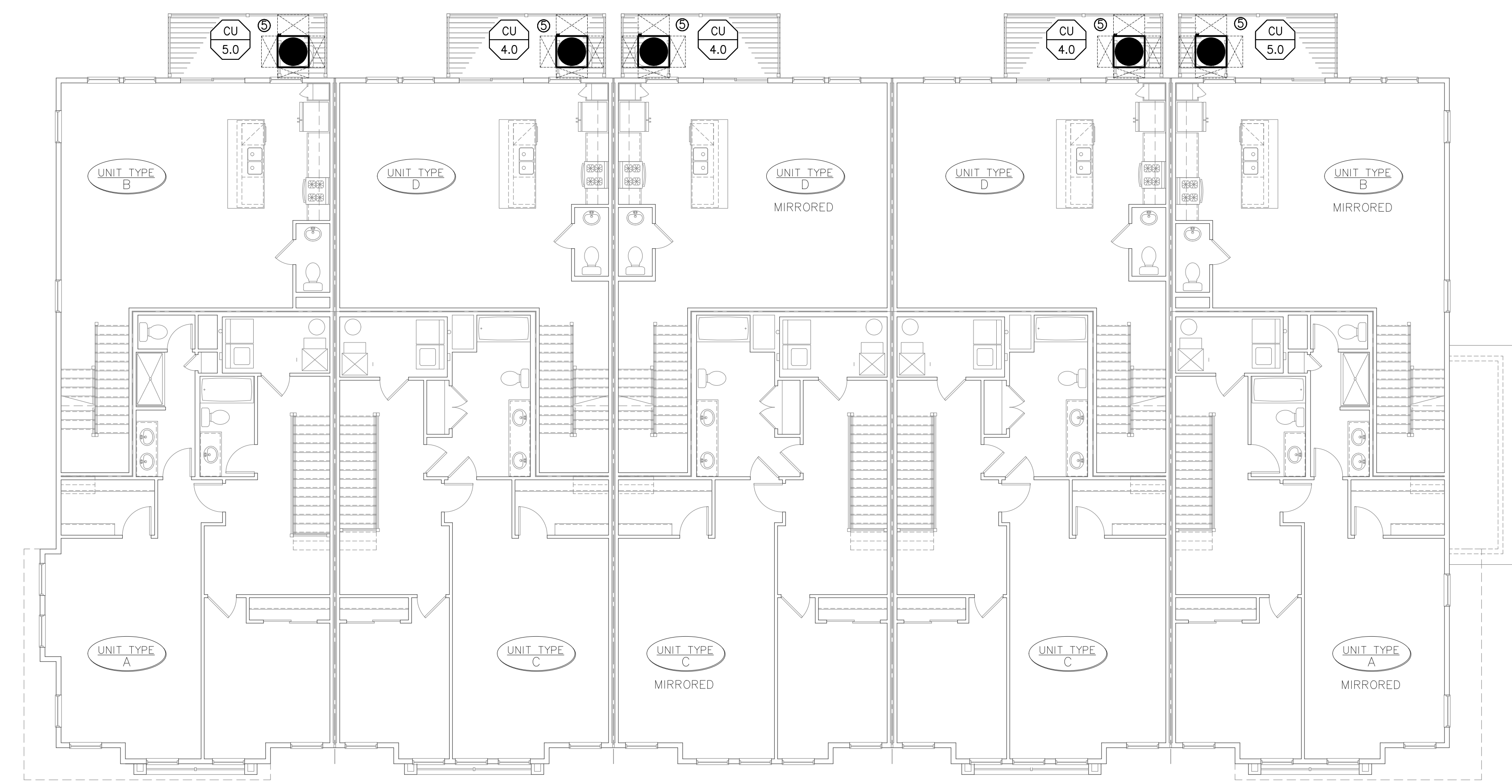
REVISIONS	
NO.	DESCRIPTION



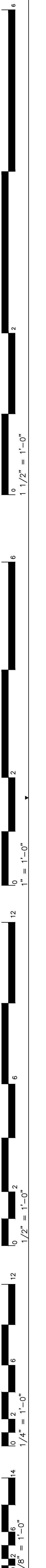
- MECHANICAL KEY NOTES:
1. MOUNT CONDENSING AT GRADE. PROVIDE PAD AND MOUNT PER MANUFACTURERS INSTRUCTIONS.
 2. PROVIDE ELECTRIC UNIT HEATER FOR SPRINKLER AND ELECTRICAL ROOM.
 3. PROVIDE BROAN STEEL WALL CAP (MODEL 885BL) WITH BUILT IN BACK DRAFT DAMPER AND PROTECTIVE BIRD SCREEN. REFER TO UNIT PLANS FOR DETAILS AND DUCTWORK CONTINUATION
 4. PROVIDE BROAN METAL TANDEM HOOD, PART NUMBER - V14695. REFER TO UNIT PLANS FOR DETAILS AND DUCTWORK CONTINUATION
 5. MOUNT CONDENSING ON BALCONY. PROVIDE PAD AND MOUNT PER MANUFACTURERS INSTRUCTIONS.



MECHANICAL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



MECHANICAL SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

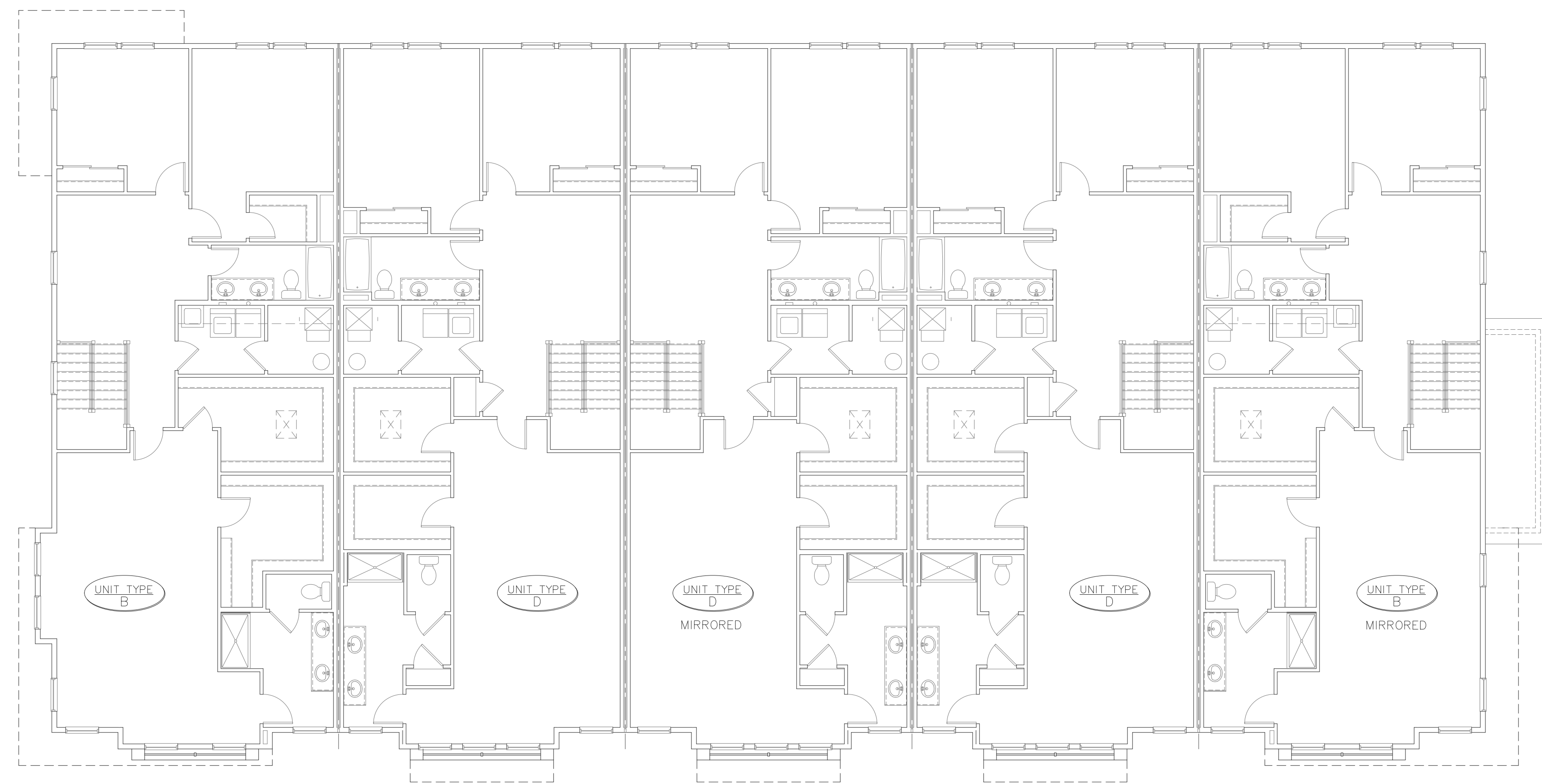


RELEASED FOR	DATE
□ SCHEMATIC DESIGN	1/26/2024
□ DESIGN DEVELOPMENT	2/21/2024
□ 50% CDS	3/18/2024
■ PERMIT	3/25/2024

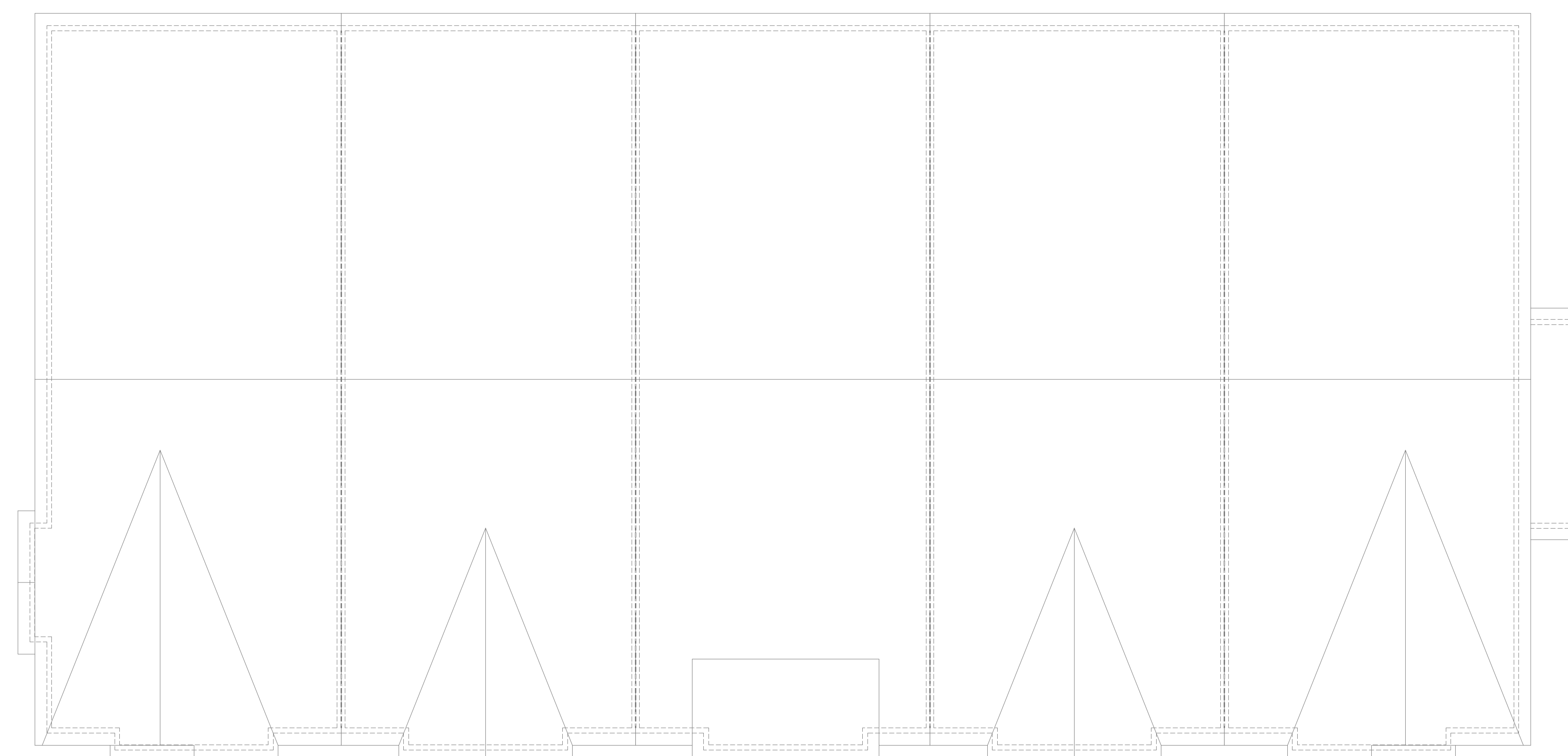
REVISIONS

1/8" = 1'-0"
 1/4" = 1'-0"
 1/2" = 1'-0"
 3/4" = 1'-0"
 1" = 1'-0"
 1 1/2" = 1'-0"
 2" = 1'-0"
 3" = 1'-0"
 4" = 1'-0"
 6" = 1'-0"
 12" = 1'-0"
 18" = 1'-0"
 24" = 1'-0"
 30" = 1'-0"
 36" = 1'-0"
 42" = 1'-0"
 48" = 1'-0"
 54" = 1'-0"
 60" = 1'-0"
 66" = 1'-0"
 72" = 1'-0"
 78" = 1'-0"
 84" = 1'-0"
 90" = 1'-0"
 96" = 1'-0"
 102" = 1'-0"
 108" = 1'-0"
 114" = 1'-0"
 120" = 1'-0"
 126" = 1'-0"
 132" = 1'-0"
 138" = 1'-0"
 144" = 1'-0"
 150" = 1'-0"
 156" = 1'-0"
 162" = 1'-0"
 168" = 1'-0"
 174" = 1'-0"
 180" = 1'-0"
 186" = 1'-0"
 192" = 1'-0"
 198" = 1'-0"
 204" = 1'-0"
 210" = 1'-0"
 216" = 1'-0"
 222" = 1'-0"
 228" = 1'-0"
 234" = 1'-0"
 240" = 1'-0"
 246" = 1'-0"
 252" = 1'-0"
 258" = 1'-0"
 264" = 1'-0"
 270" = 1'-0"
 276" = 1'-0"
 282" = 1'-0"
 288" = 1'-0"
 294" = 1'-0"
 300" = 1'-0"
 306" = 1'-0"
 312" = 1'-0"
 318" = 1'-0"
 324" = 1'-0"
 330" = 1'-0"
 336" = 1'-0"
 342" = 1'-0"
 348" = 1'-0"
 354" = 1'-0"
 360" = 1'-0"
 366" = 1'-0"
 372" = 1'-0"
 378" = 1'-0"
 384" = 1'-0"
 390" = 1'-0"
 396" = 1'-0"
 402" = 1'-0"
 408" = 1'-0"
 414" = 1'-0"
 420" = 1'-0"
 426" = 1'-0"
 432" = 1'-0"
 438" = 1'-0"
 444" = 1'-0"
 450" = 1'-0"
 456" = 1'-0"
 462" = 1'-0"
 468" = 1'-0"
 474" = 1'-0"
 480" = 1'-0"
 486" = 1'-0"
 492" = 1'-0"
 498" = 1'-0"
 504" = 1'-0"
 510" = 1'-0"
 516" = 1'-0"
 522" = 1'-0"
 528" = 1'-0"
 534" = 1'-0"
 540" = 1'-0"
 546" = 1'-0"
 552" = 1'-0"
 558" = 1'-0"
 564" = 1'-0"
 570" = 1'-0"
 576" = 1'-0"
 582" = 1'-0"
 588" = 1'-0"
 594" = 1'-0"
 600" = 1'-0"
 606" = 1'-0"
 612" = 1'-0"
 618" = 1'-0"
 624" = 1'-0"
 630" = 1'-0"
 636" = 1'-0"
 642" = 1'-0"
 648" = 1'-0"
 654" = 1'-0"
 660" = 1'-0"
 666" = 1'-0"
 672" = 1'-0"
 678" = 1'-0"
 684" = 1'-0"
 690" = 1'-0"
 696" = 1'-0"
 702" = 1'-0"
 708" = 1'-0"
 714" = 1'-0"
 720" = 1'-0"
 726" = 1'-0"
 732" = 1'-0"
 738" = 1'-0"
 744" = 1'-0"
 750" = 1'-0"
 756" = 1'-0"
 762" = 1'-0"
 768" = 1'-0"
 774" = 1'-0"
 780" = 1'-0"
 786" = 1'-0"
 792" = 1'-0"
 798" = 1'-0"
 804" = 1'-0"
 810" = 1'-0"
 816" = 1'-0"
 822" = 1'-0"
 828" = 1'-0"
 834" = 1'-0"
 840" = 1'-0"
 846" = 1'-0"
 852" = 1'-0"
 858" = 1'-0"
 864" = 1'-0"
 870" = 1'-0"
 876" = 1'-0"
 882" = 1'-0"
 888" = 1'-0"
 894" = 1'-0"
 900" = 1'-0"
 906" = 1'-0"
 912" = 1'-0"
 918" = 1'-0"
 924" = 1'-0"
 930" = 1'-0"
 936" = 1'-0"
 942" = 1'-0"
 948" = 1'-0"
 954" = 1'-0"
 960" = 1'-0"
 966" = 1'-0"
 972" = 1'-0"
 978" = 1'-0"
 984" = 1'-0"
 990" = 1'-0"
 996" = 1'-0"
 1000" = 1'-0"

- MECHANICAL KEY NOTES:**
- MOUNT HEAT PUMP AT GRADE. PROVIDE FRP PAD OR EQUAL. MOUNT PER MANUFACTURERS INSTRUCTIONS.
 - PROVIDE ELECTRIC UNIT HEATER FOR SPRINKLER ROOM.
 - PROVIDE XVENT MODEL DHEB 4-4 FOR ALL 4 7/4" AND DHEB DL/DR FOR ALL 4 7/8" DOUBLE DRYER AND TOILET EXHAUST TERMINATION. PROVIDE XVENT MODEL 45B FOR ALL 4" AND 85B FOR ALL 6" SINGLE KITCHEN EXHAUST TERMINATIONS. PROVIDE XVENT MODEL 4S FOR ALL 4" SINGLE EXHAUST TERMINATIONS (NO DAMPERS COORDINATE WITH MANUFACTURER). PROVIDE TRIPLE XVENT MODEL THEB-444-S FOR ALL 4 7/4" EXHAUST TERMINATIONS. INSTALL AS LOW AS POSSIBLE WITHIN CEILING SPACE. TERMINATION SHOULD BE AT LEAST 3 FT FROM ANY OPERABLE OPENING TO THE BUILDING. COORDINATE FINISH WITH ARCHITECT. PROVIDE WITH FOUR CUSTOM COLOR OPTIONS.
 - PROVIDE UL LISTED, RECESSED DRYER VENT BOX "IN-O-VATE TECHNOLOGIES, INC. MODEL 425" APPROVED FOR 2X6 STUD WALL INSTALLATION.



MECHANICAL THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



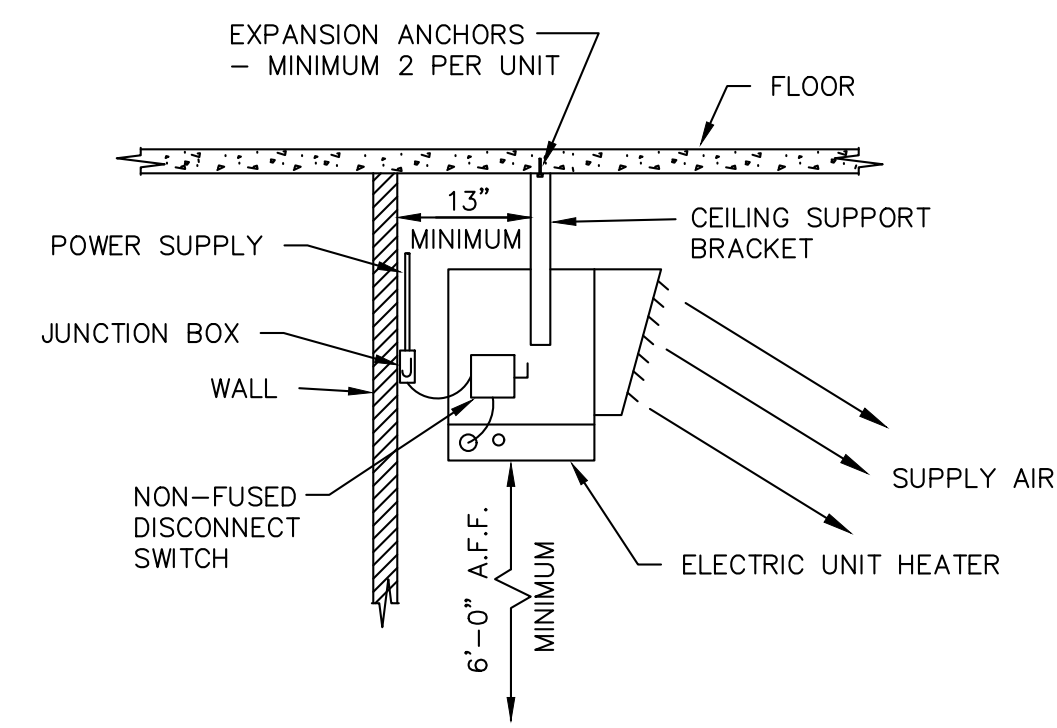
MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"

RELEASED FOR	DATE
<input type="checkbox"/> SCHEMATIC DESIGN	1/26/2024
<input type="checkbox"/> DESIGN DEVELOPMENT	2/21/2024
<input type="checkbox"/> 50% CDS	3/18/2024
<input checked="" type="checkbox"/> PERMIT	3/25/2024

REVISIONS

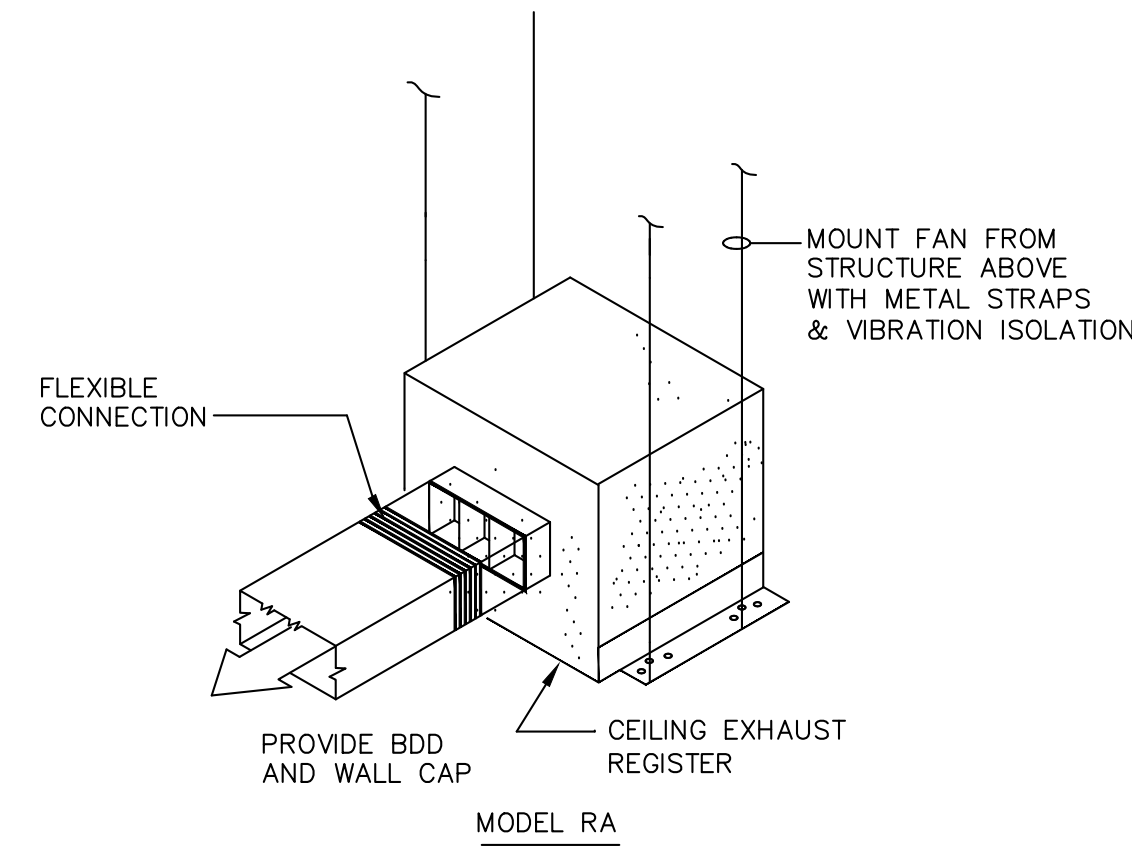
NO.	DESCRIPTION





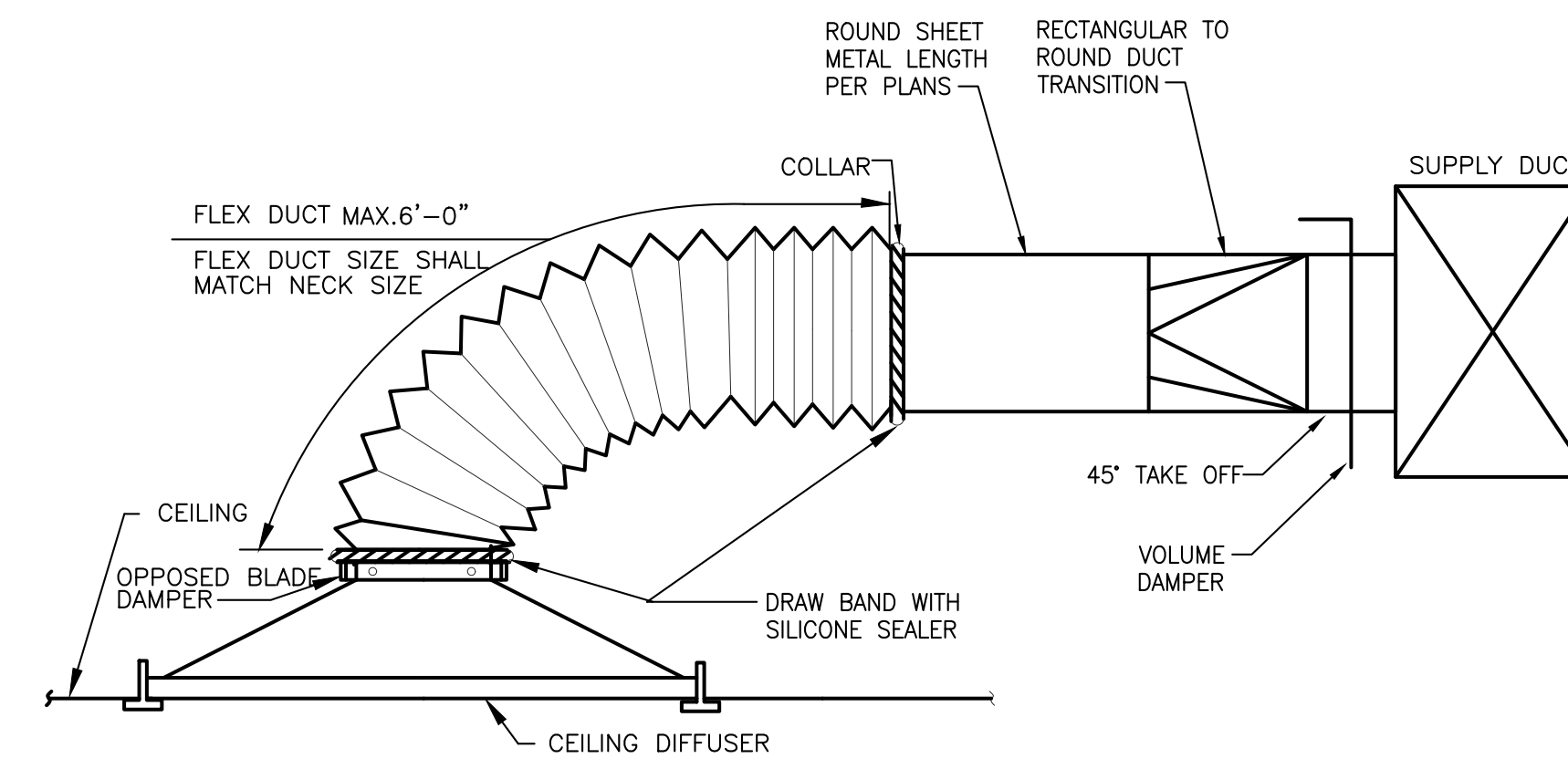
ELECTRIC UNIT HEATER MOUNTING DETAIL

NOT TO SCALE



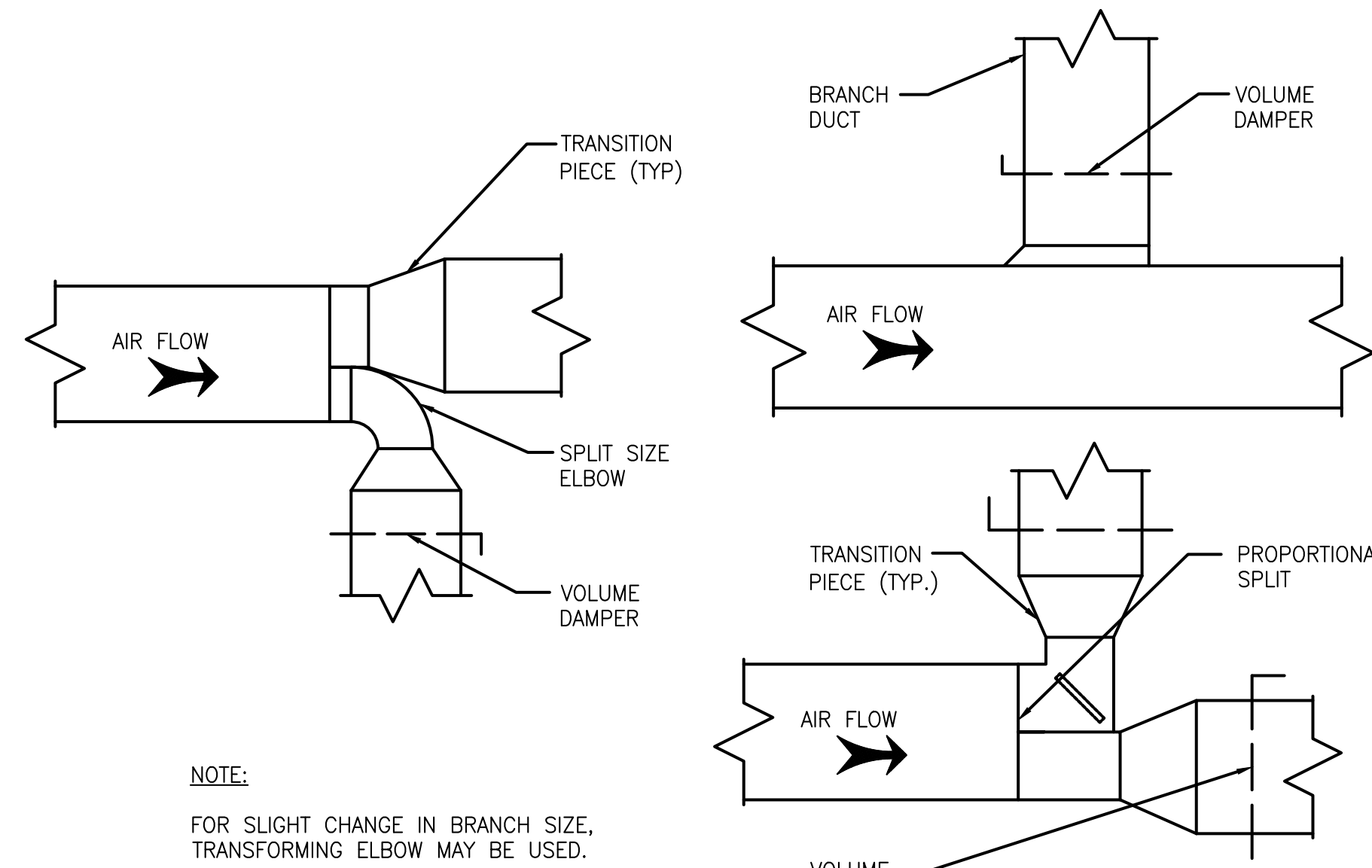
TOILET EXHAUST FAN INSTALLATION DETAIL

NOT TO SCALE



TYPICAL DIFFUSER CONNECTION

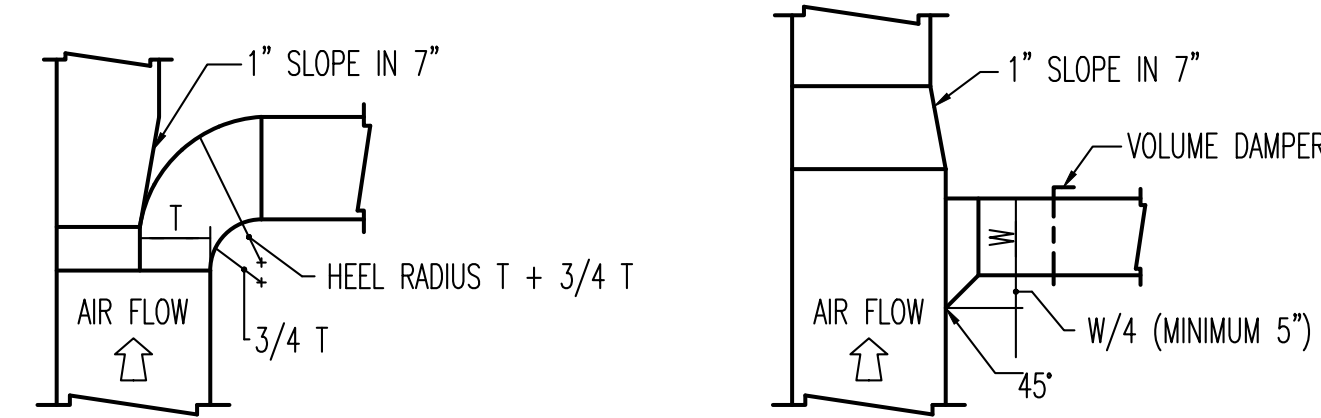
(SIDE OF DUCT CONNECTION)
NOT TO SCALE



LOW VELOCITY DUCT CONNECTIONS

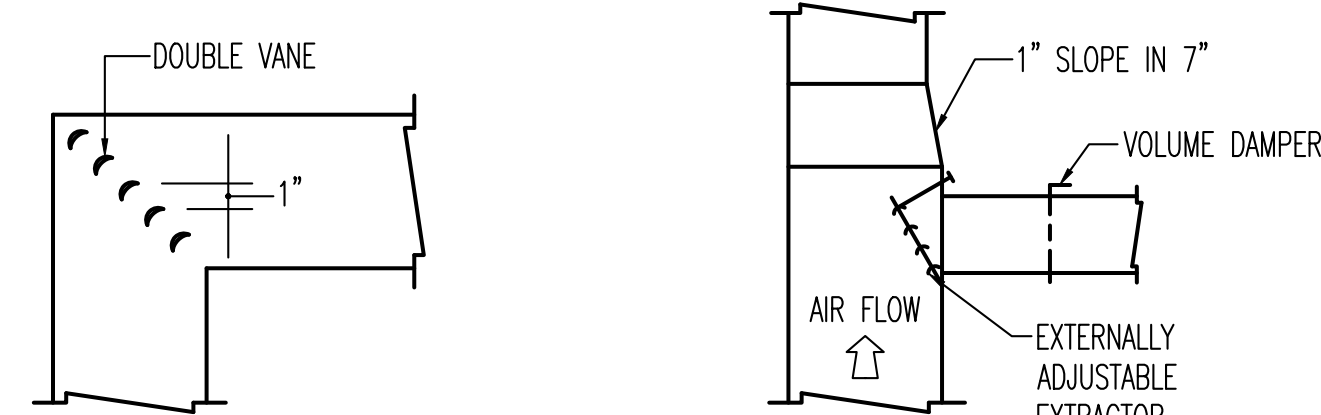
NOT TO SCALE

NOTE:
FOR SLIGHT CHANGE IN BRANCH SIZE,
TRANSFORMING ELBOW MAY BE USED.



ROUND TAKE-OFF

TAP TAKE-OFF

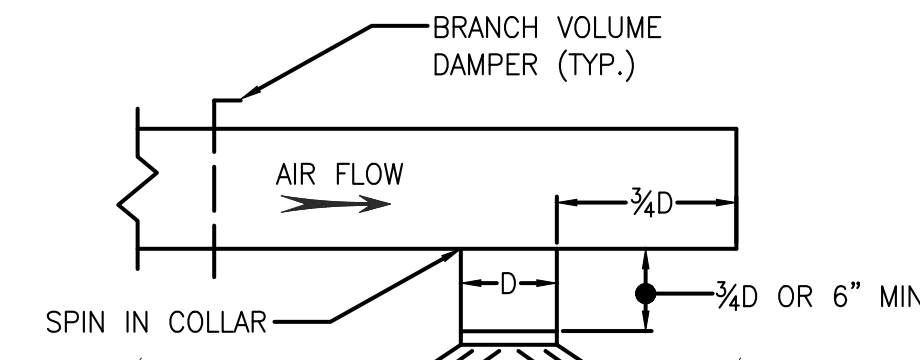


SQUARE ELBOW VANES

SQUARE TAP TAKE-OFF

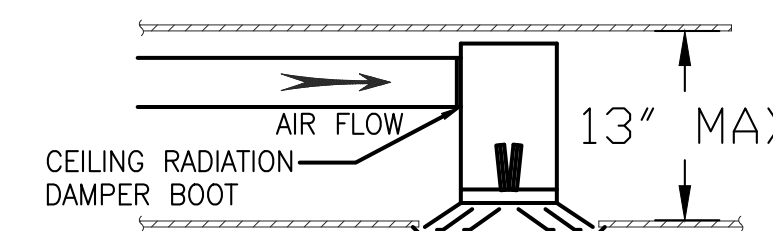
DUCT DETAILS

NOT TO SCALE



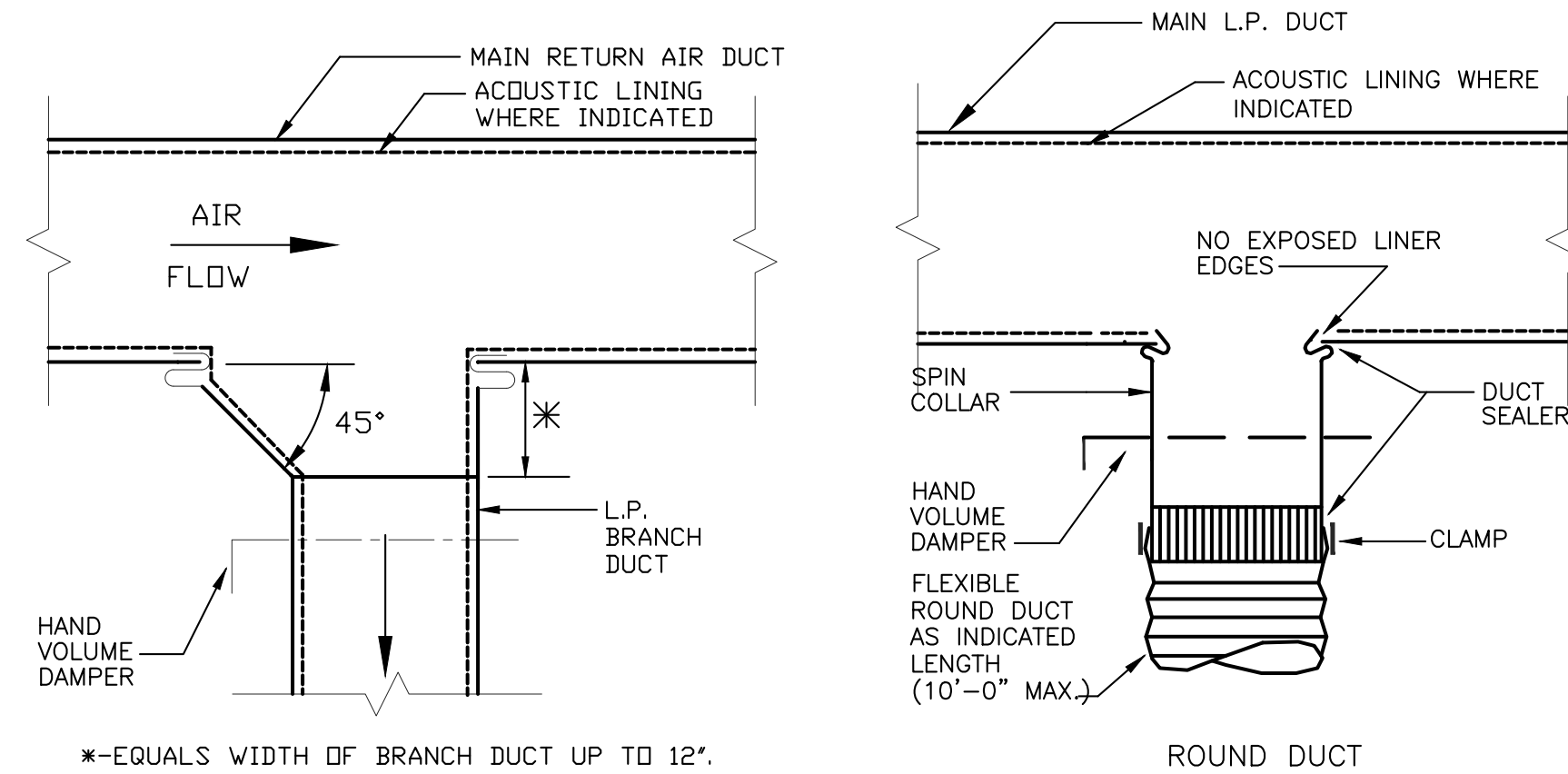
TYPICAL DIFFUSER INSTALLATION

NOT TO SCALE



CEILING RADIATION DAMPER BOOT INSTALLATION

NOT TO SCALE



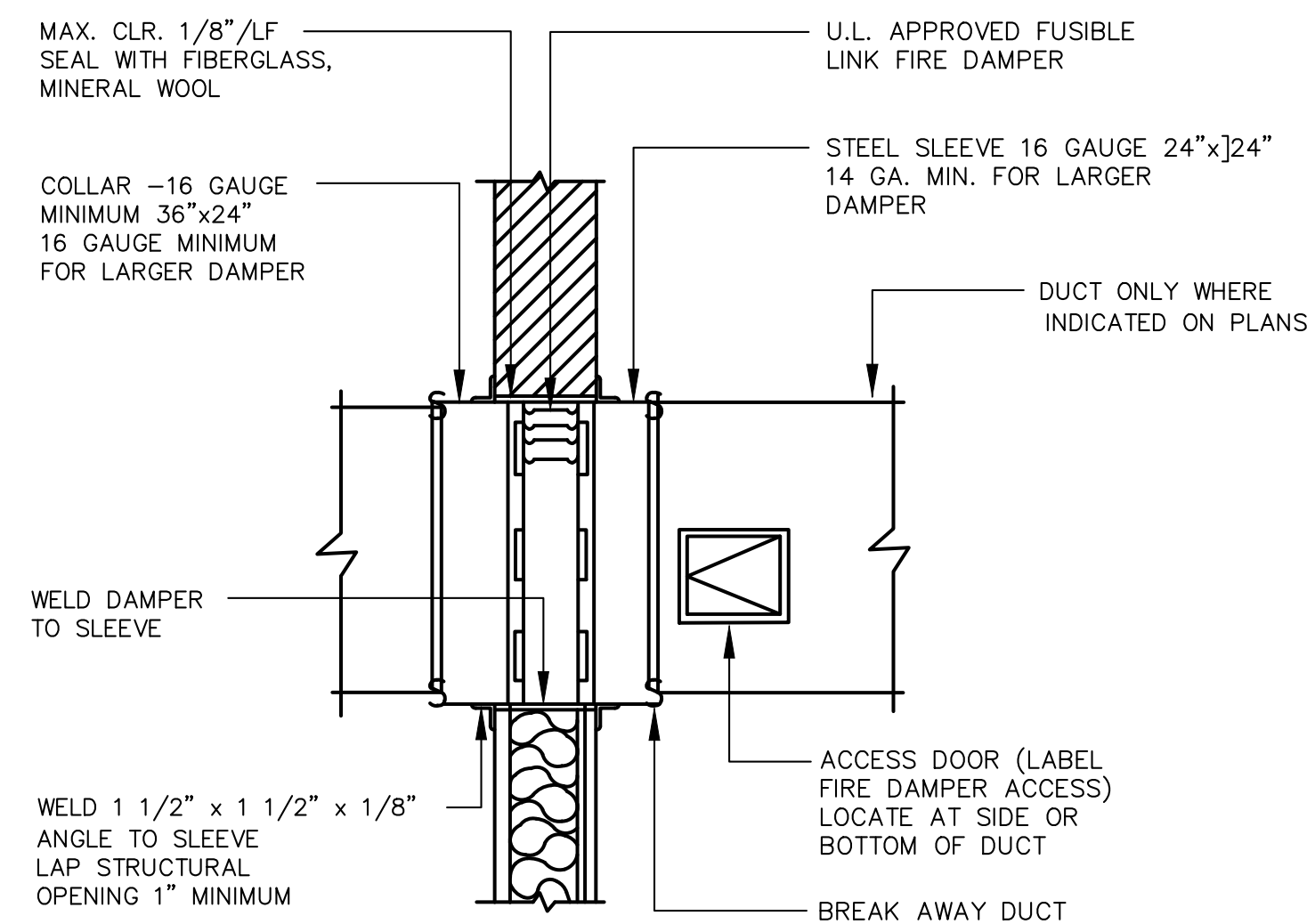
TYPICAL SUPPLY AIR BRANCH DUCT TAKE-OFF

NOT TO SCALE

TYPICAL LOW PRESSURE BRANCH DUCT TAKE-OFF

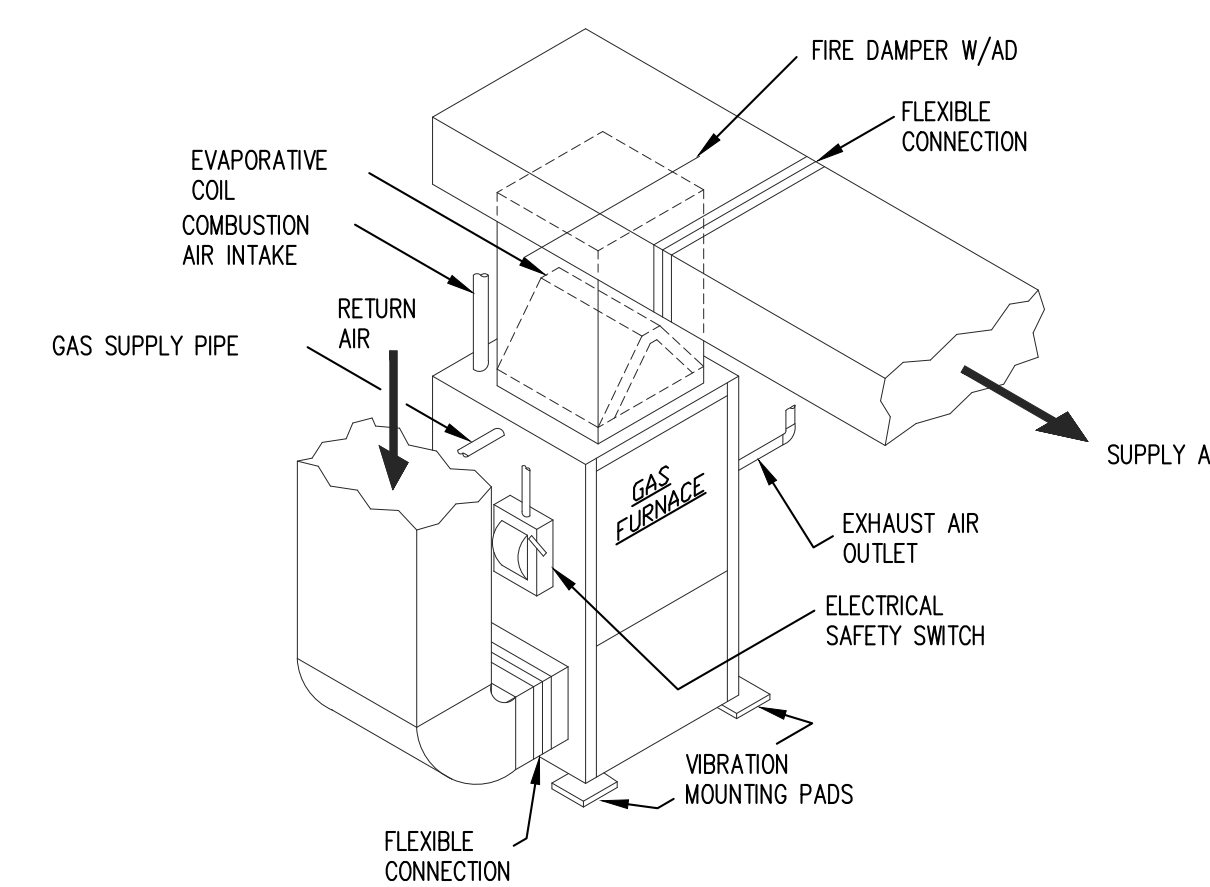
NOT TO SCALE

*=EQUALS WIDTH OF BRANCH DUCT UP TO 12\"/>



FIRE DAMPER DETAIL

NOT TO SCALE



UPFLOW GAS FURNACE

NOT TO SCALE

1/8" = 1'-0"
1/4" = 1'-0"
3/8" = 1'-0"
1/2" = 1'-0"
5/8" = 1'-0"
3/4" = 1'-0"
7/8" = 1'-0"
1" = 1'-0"
1 1/4" = 1'-0"
1 1/2" = 1'-0"
1 3/4" = 1'-0"
2" = 1'-0"
2 1/2" = 1'-0"
3" = 1'-0"
3 1/2" = 1'-0"
4" = 1'-0"
4 1/2" = 1'-0"
5" = 1'-0"
5 1/2" = 1'-0"
6" = 1'-0"
6 1/2" = 1'-0"
7" = 1'-0"
7 1/2" = 1'-0"
8" = 1'-0"
8 1/2" = 1'-0"
9" = 1'-0"
9 1/2" = 1'-0"
10" = 1'-0"
10 1/2" = 1'-0"
11" = 1'-0"
11 1/2" = 1'-0"
12" = 1'-0"

RELEASED FOR	DATE
<input type="checkbox"/> SCHEMATIC DESIGN	1/26/2024
<input type="checkbox"/> DESIGN DEVELOPMENT	2/21/2024
<input type="checkbox"/> 50% CDS	3/18/2024
<input checked="" type="checkbox"/> PERMIT	3/25/2024

REVISIONS

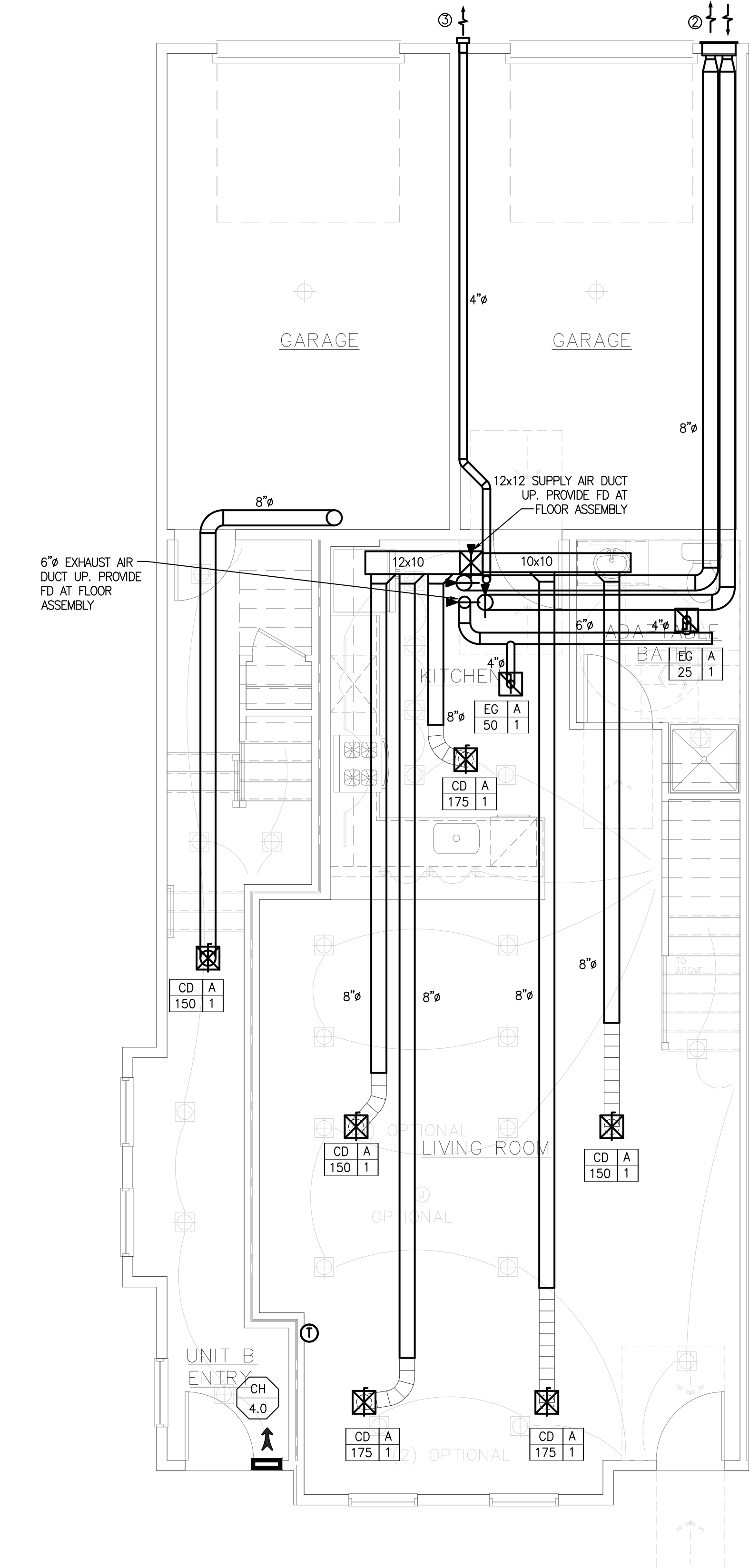
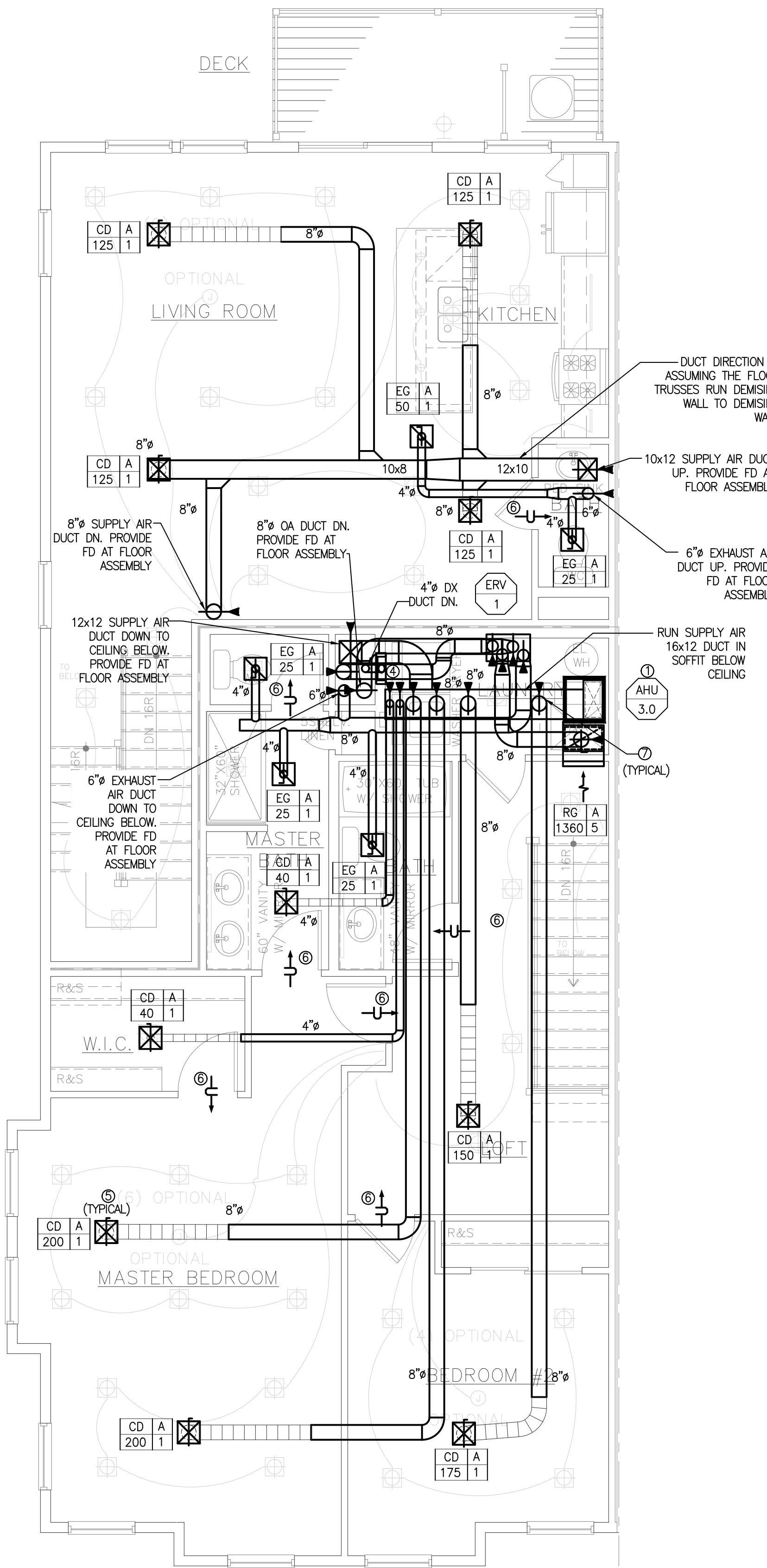
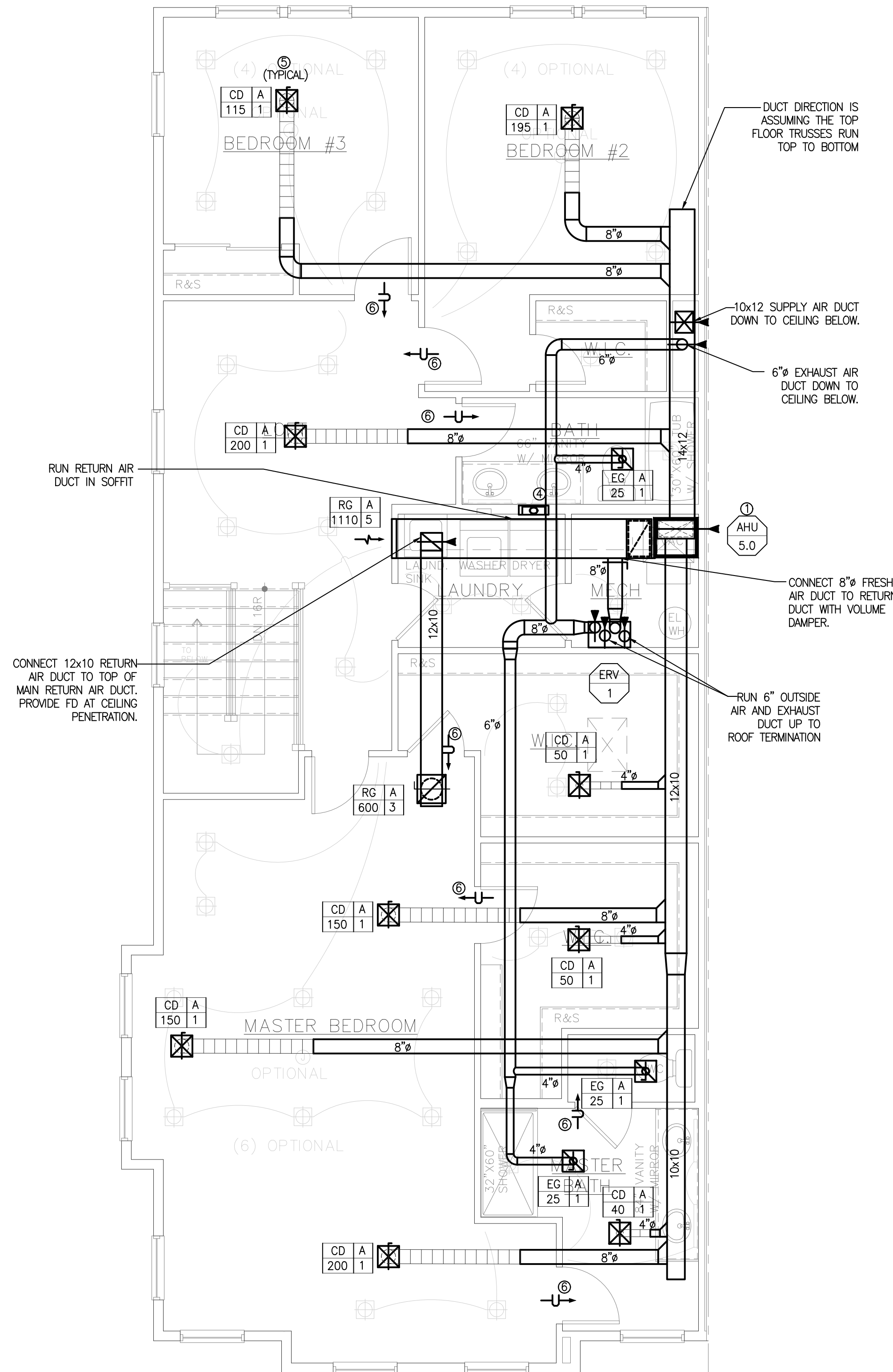
NO.	DESCRIPTION

MECHANICAL GENERAL NOTES:

- WHERE DRYER EXHAUST IS CONCEALED WITHIN THE BUILDING CONSTRUCTION, THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG, LOCATED WITHIN 6' OF THE EXHAUST DUCT CONNECTION.
- UNDERCUT RESTROOM DOORS 1", TYPICAL FOR ALL UNITS.
- COORDINATE LOCATION OF EXHAUST DISCHARGE AND OA WITH FLOORPLANS.
- ALL DUCTWORK, DIFFUSERS AND RETURN AIR GRILLS TO BE EQUIPPED WITH CRD'S WHERE PENETRATING FIRE-RATED CEILING, COORDINATE WITH ARCH.
- PROVIDE DUCT INSULATION ON ALL SUPPLY DUCT AND OA DUCTWORK. EXTERNALLY WRAP ALL SUPPLY AND OA DUCTWORK.
- PROVIDE ACCESS DOORS FOR ALL FD'S AND FSD'S AT THE DUCTWORK AND CEILING FOR PROPER ACCESS.
- PROVIDE FD'S AT ALL PENETRATIONS THROUGH FIRE-RATED WALLS, CEILINGS, AND SHAFTS WHERE REQUIRED, WHETHER INDICATED ON THIS PLAN OR NOT.
- PROVIDE CEILING RADIATION DAMPER AT ALL RATED CEILING PENETRATIONS.
- EXHAUSTS SHOULD BE A MINIMUM OF 3' FROM ANY OPERABLE OPENINGS INTO THE BUILDING AND 10' AWAY FROM ANY INTAKES.
- FLEX DUCT SHALL BE NO MORE THAN 6 FEET

MECHANICAL KEY NOTES:

1. PROVIDE SPLIT FURNACE/AC UNIT AS SCHEDULED LOCATED IN CLOSET. PROVIDE 1" ALL IN S/R DUCTS AS SHOWN. PROVIDE FD W/AD AT RATED CEILING PENETRATION FOR SUPPLY AND/OR RETURN AIR DUCT AS SHOWN. RUN 3" FA/OA UP TO ROOF AND TERMINATE WITH CONCENTRIC VENT CAP. MAINTAIN 10 FEET FROM ANY FRESH AIR INTAKE.
2. PROVIDE BROAN METAL TANDEM HOOD (PART NUMBER: V14695). INSTALL VENT KIT AND DUCT CONNECTIONS PER MANUFACTURER GUIDELINES. PROVIDE WATER TIGHT SEAL, AND FILL GAP BETWEEN WALL BOX AND WALL WITH URETHANE INSULATION FOAM.
3. PROVIDE BROAN STEEL WALL CAP (MODEL 885BL) WITH BUILT IN BACK DRAFT DAMPER AND PROTECTIVE BIRD SCREEN.
4. PROVIDE UL LISTED, RECESSED DRYER VENT BOX "IN-0-VATE TECHNOLOGIES, INC. MODEL 425" APPROVED FOR 2X6 STUD WALL INSTALLATION.
5. PROVIDE CEILING RADIATION DAMPER.
6. UNDERCUT DOOR 1"
7. PROVIDE FD W/AD AT RATED CEILING PENETRATION.



MECHANICAL THIRD FLOOR PLAN - A + B
SCALE: 1/4" = 1'-0"

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

MECHANICAL FIRST FLOOR PLAN - A + B
SCALE: 1/4" = 1'-0"

MECHANICAL UNIT PLANS

RELEASED FOR	DATE
CD SCHEMATIC DESIGN	1/26/2024
CD DESIGN DEVELOPMENT	2/21/2024
CD 50% CDS	3/18/2024
PERMIT	3/25/2024

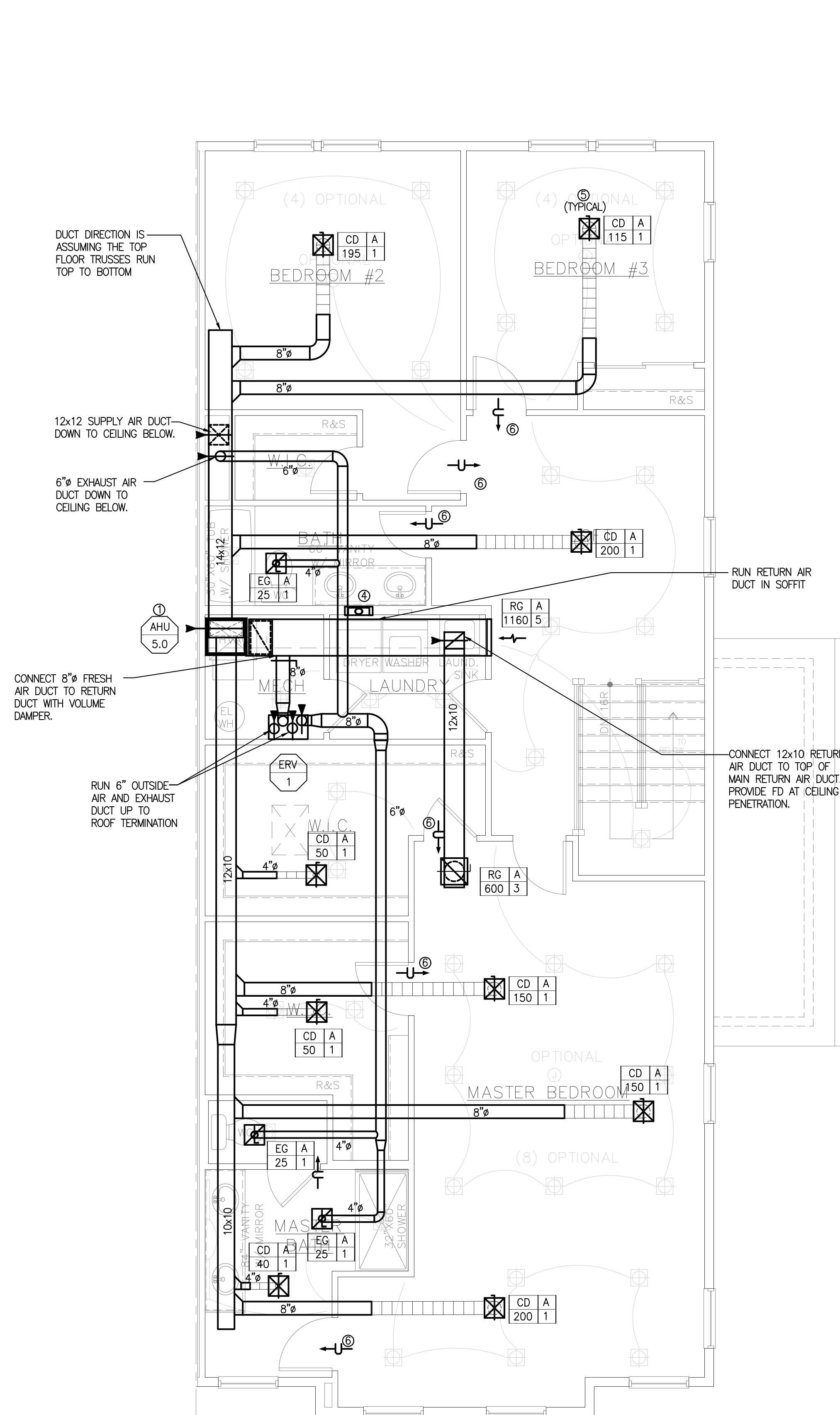
REVISIONS

MECHANICAL GENERAL NOTES:

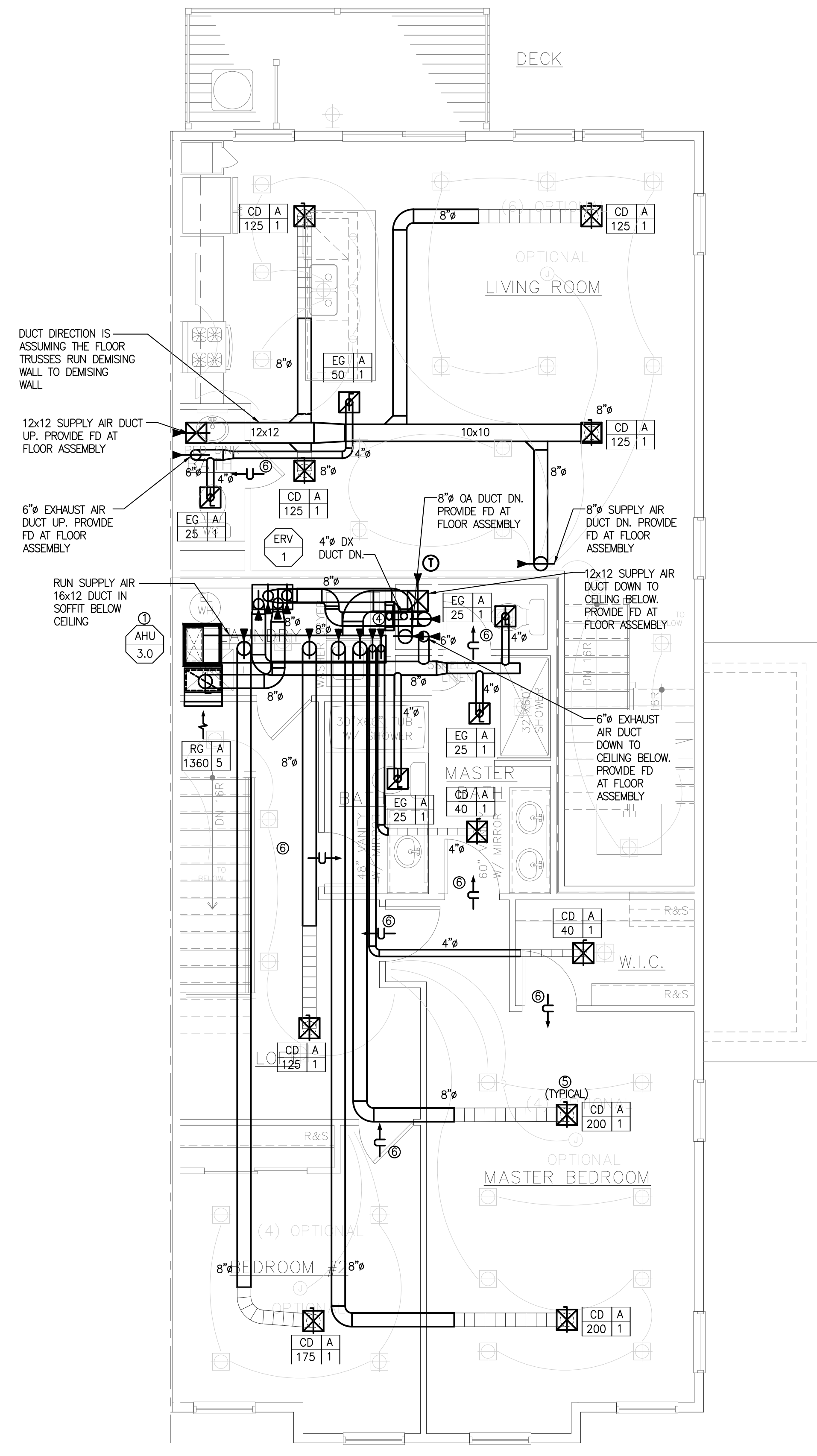
- WHERE DRYER EXHAUST IS CONCEALED WITHIN THE BUILDING CONSTRUCTION, THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG, LOCATED WITHIN 6" OF THE EXHAUST DUCT CONNECTION.
- UNDERCUT RESTROOM DOORS 1", TYPICAL FOR ALL UNITS.
- COORDINATE LOCATION OF EXHAUST DISCHARGE AND OA WITH FLOORPLANS.
- ALL DUCTWORK, DIFFUSERS AND RETURN AIR GRILLS TO BE EQUIPPED WITH CRD'S WHERE PENETRATING FIRE-RATED CEILING, COORDINATE WITH ARCH.
- PROVIDE DUCT INSULATION ON ALL SUPPLY DUCT AND OA DUCTWORK. EXTERNALLY WRAP ALL SUPPLY AND OA DUCTWORK.
- PROVIDE ACCESS DOORS FOR ALL FD'S AND FSD'S AT THE DUCTWORK AND CEILING FOR PROPER ACCESS.
- PROVIDE FD'S AT ALL PENETRATIONS THROUGH FIRE-RATED WALLS, CEILINGS, AND SHAFTS WHERE REQUIRED, WHETHER INDICATED ON THIS PLAN OR NOT.
- PROVIDE CEILING RADIATION DAMPER AT ALL RATED CEILING PENETRATIONS.
- EXHAUSTS SHOULD BE A MINIMUM OF 3' FROM ANY OPERABLE OPENINGS INTO THE BUILDING AND 10' AWAY FROM ANY INTAKES.
- FLEX DUCT SHALL BE NO MORE THAN 6 FEET

MECHANICAL KEY NOTES:

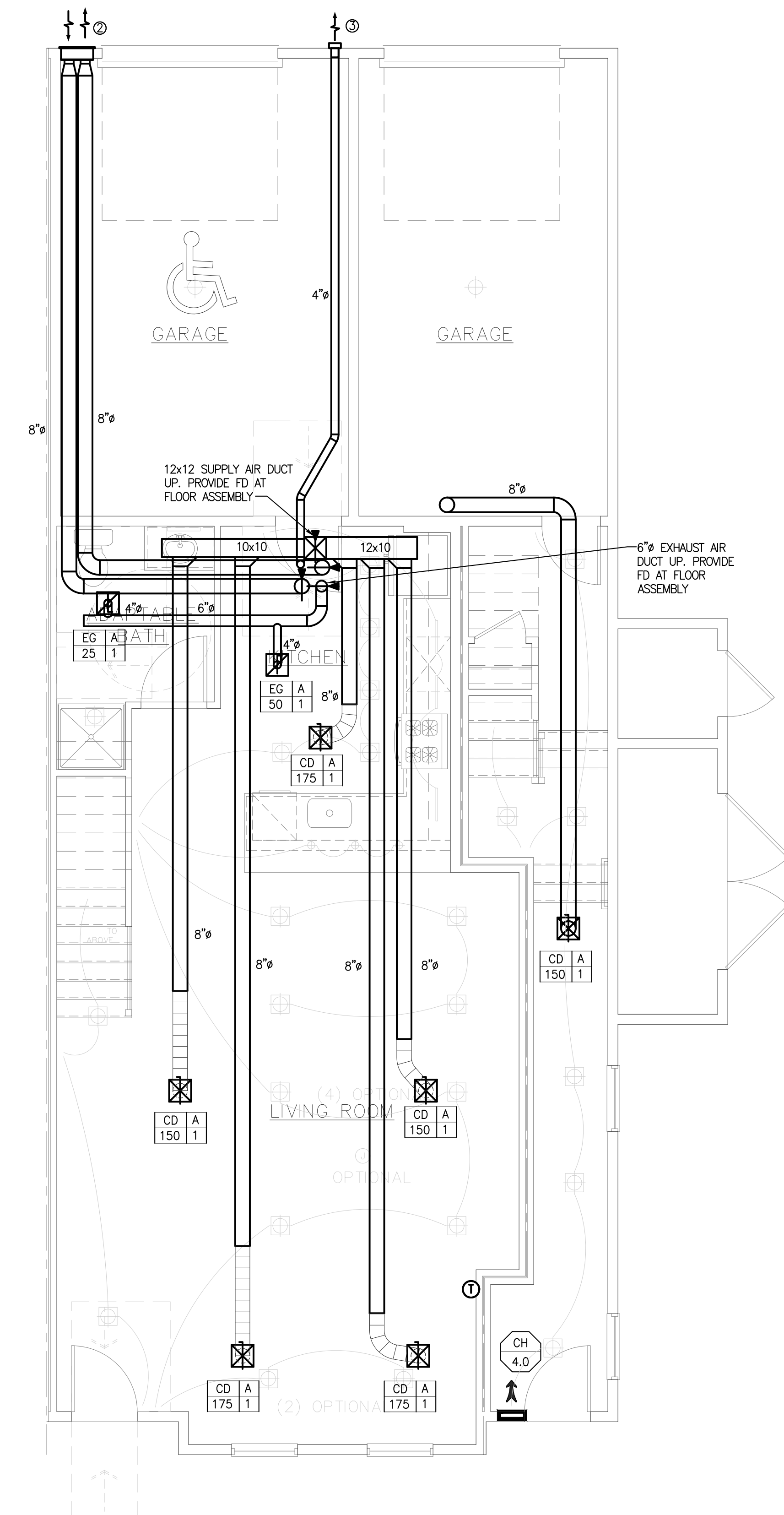
1. PROVIDE SPLIT FURNACE/AC UNIT AS SCHEDULED LOCATED IN CLOSET. PROVIDE 1" A.L. IN S/R DUCTS AS SHOWN. PROVIDE FD W/AD AT RATED CEILING PENETRATION FOR SUPPLY AND/OR RETURN AIR DUCT AS SHOWN. RUN 3" FAJ/OA UP TO ROOF AND TERMINATE WITH CONCENTRIC VENT CAP. MAINTAIN 10 FEET FROM ANY FRESH AIR INTAKE.
2. PROVIDE BROAN METAL TANDEM HOOD (PART NUMBER: V14695). INSTALL VENT KIT AND DUCT CONNECTIONS PER MANUFACTURER GUIDELINES. PROVIDE WATER TIGHT SEAL AND FILL GAP BETWEEN WALL BOX AND WALL WITH URETHANE INSULATION FOAM.
3. PROVIDE BROAN STEEL WALL CAP (MODEL 885BL) WITH BUILT IN BACK DRAFT DAMPER AND PROTECTIVE BIRD SCREEN.
4. PROVIDE UL LISTED, RECESSED DRYER VENT BOX "IN-0-VATE" TECHNOLOGIES, INC. MODEL 425" APPROVED FOR 2X6 STUD WALL INSTALLATION.
5. PROVIDE CEILING RADIATION DAMPER.
6. UNDERCUT DOOR 1"
7. PROVIDE FD W/AD AT RATED CEILING PENETRATION.



MECHANICAL THIRD FLOOR PLAN - A + B (MIRRORED)
SCALE: 1/4" = 1'-0"



MECHANICAL SECOND FLOOR PLAN - A + B (MIRRORED)
SCALE: 1/4" = 1'-0"



MECHANICAL FIRST FLOOR PLAN - A + B (MIRRORED)
SCALE: 1/4" = 1'-0"

MECHANICAL UNIT PLANS

RELEASED FOR	DATE
□ SCHEMATIC DESIGN	1/26/2024
□ DESIGN DEVELOPMENT	2/21/2024
□ 50% CDS	3/18/2024
■ PERMIT	3/25/2024

REVISIONS

NO.	DESCRIPTION

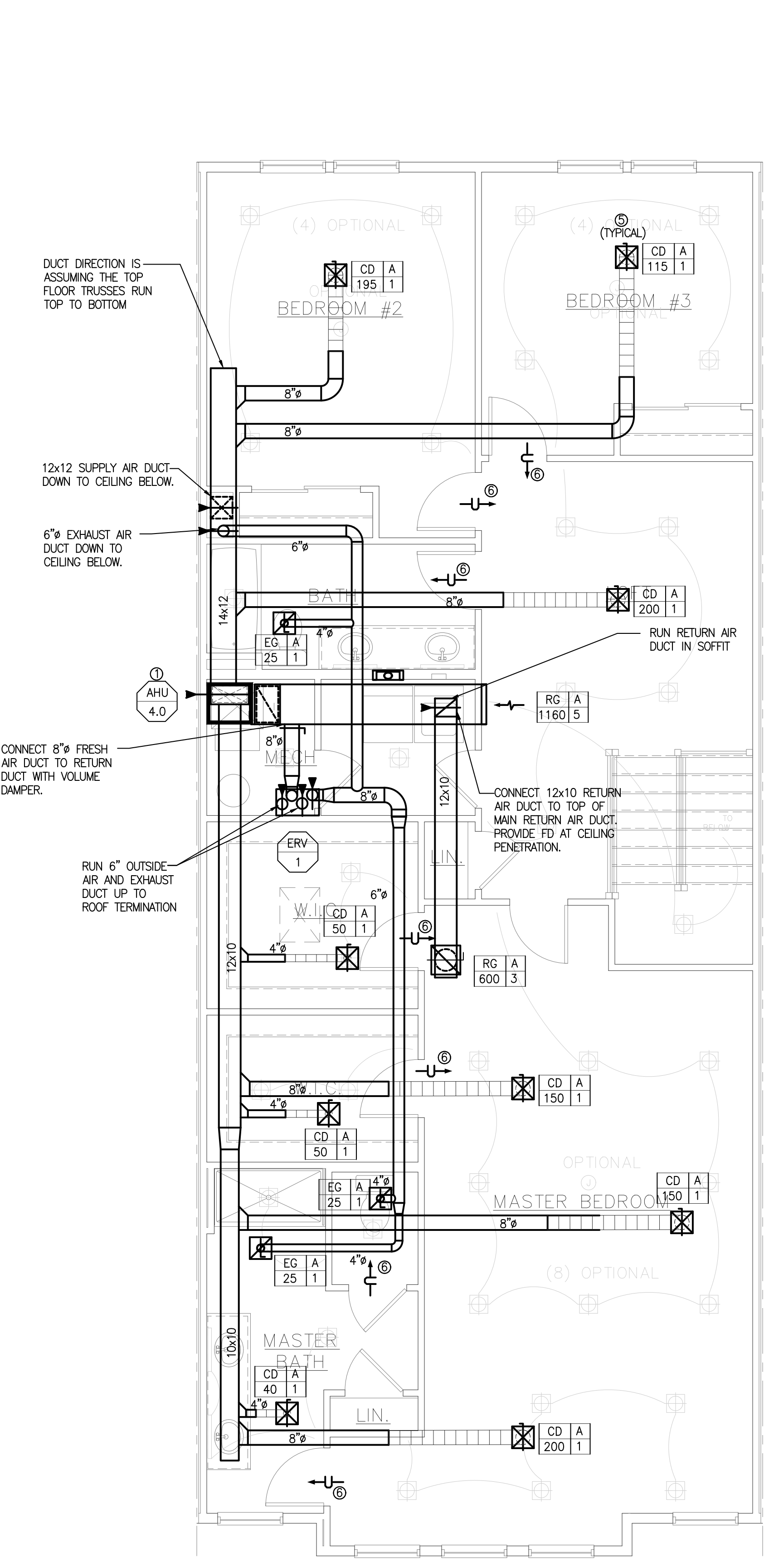
MECHANICAL GENERAL NOTES:

- WHERE DRYER EXHAUST IS CONCEALED WITHIN THE BUILDING CONSTRUCTION, THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG, LOCATED WITHIN 6" OF THE EXHAUST DUCT CONNECTION.
- UNDERCUT RESTROOM DOORS 1", TYPICAL FOR ALL UNITS.
- COORDINATE LOCATION OF EXHAUST DISCHARGE AND OA WITH FLOORPLANS.
- ALL DUCTWORK, DIFFUSERS AND RETURN AIR GRILLS TO BE EQUIPPED WITH CRD'S WHERE PENETRATING FIRE-RATED CEILING, COORDINATE WITH ARCH.
- PROVIDE DUCT INSULATION ON ALL SUPPLY DUCT AND OA DUCTWORK. EXTERNALLY WRAP ALL SUPPLY AND OA DUCTWORK.
- PROVIDE ACCESS DOORS FOR ALL FD'S AND FSD'S AT THE DUCTWORK AND CEILING FOR PROPER ACCESS.
- PROVIDE FD'S AT ALL PENETRATIONS THROUGH FIRE-RATED WALLS, CEILINGS, AND SHAFTS WHERE REQUIRED, WHETHER INDICATED ON THIS PLAN OR NOT.
- PROVIDE CEILING RADIATION DAMPER AT ALL RATED CEILING PENETRATIONS.
- EXHAUSTS SHOULD BE A MINIMUM OF 3' FROM ANY OPERABLE OPENINGS INTO THE BUILDING AND 10' AWAY FROM ANY INTAKES.
- FLEX DUCT SHALL BE NO MORE THAN 6 FEET

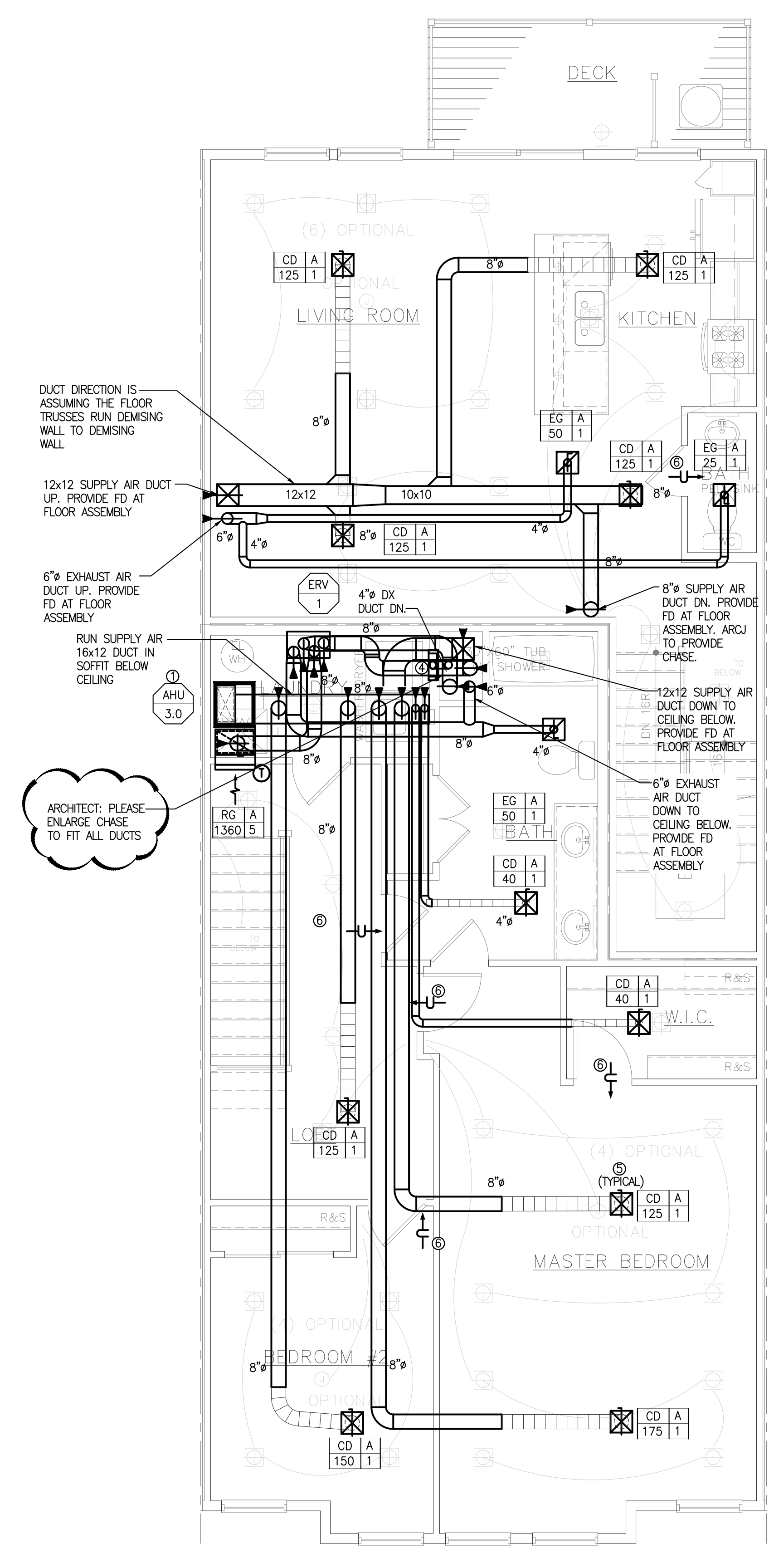
MECHANICAL KEY NOTES:

1. PROVIDE SPLIT FURNACE/AC UNIT AS SCHEDULED LOCATED IN CLOSET. PROVIDE 1" ALL IN S/R DUCTS AS SHOWN. PROVIDE FD W/AD AT RATED CEILING PENETRATION FOR SUPPLY AND/OR RETURN AIR DUCT AS SHOWN. RUN 3" FAJ/OA UP TO ROOF AND TERMINATE WITH CONCENTRIC VENT CAP. MAINTAIN 10 FEET FROM ANY FRESH AIR INTAKE.
2. PROVIDE BROAN METAL TANDEM HOOD (PART NUMBER: V14695). INSTALL VENT KIT AND DUCT CONNECTIONS PER MANUFACTURER GUIDELINES. PROVIDE WATER TIGHT SEAL AND FILL GAP BETWEEN WALL BOX AND WALL WITH URETHANE INSULATION FOAM.
3. PROVIDE BROAN STEEL WALL CAP (MODEL 885BL) WITH BUILT IN BACK DRAFT DAMPER AND PROTECTIVE BIRD SCREEN.
4. PROVIDE UL LISTED, RECESSED DRYER VENT BOX "IN-0"-VATE TECHNOLOGIES, INC. MODEL 425" APPROVED FOR 2X6 STUD WALL INSTALLATION.
5. PROVIDE CEILING RADIATION DAMPER.
6. UNDERCUT DOOR 1"
7. PROVIDE FD W/AD AT RATED CEILING PENETRATION.

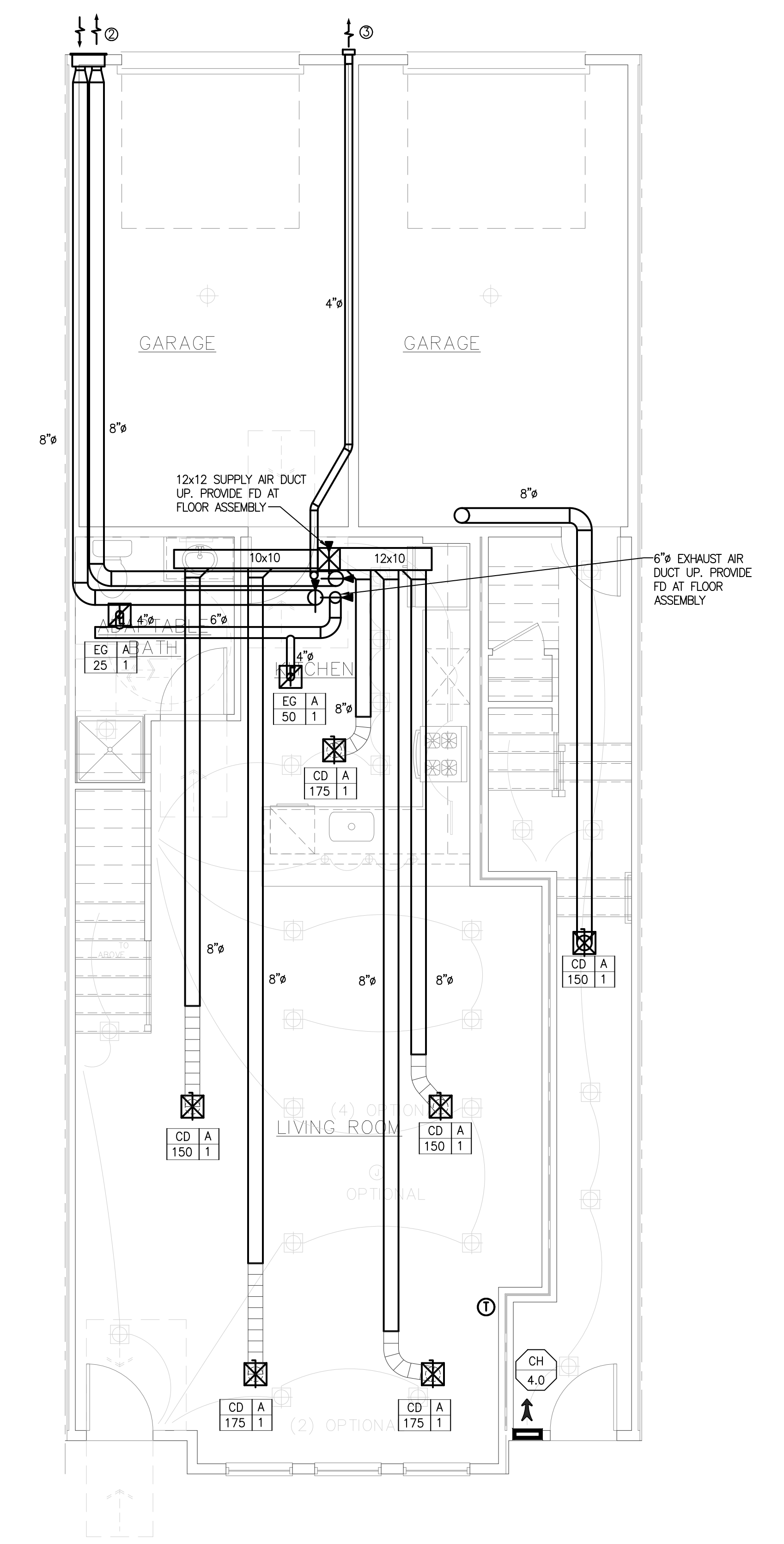
1/2" = 1'-0"
1/4" = 1'-0"
1/8" = 1'-0"



MECHANICAL THIRD FLOOR PLAN - C + D
SCALE: 1/4" = 1'-0"



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



MECHANICAL FIRST FLOOR PLAN - C + D
SCALE: 1/4" = 1'-0"

MECHANICAL UNIT PLANS

RELEASED FOR	DATE
<input type="checkbox"/> SCHEMATIC DESIGN	1/26/2024
<input type="checkbox"/> DESIGN DEVELOPMENT	2/21/2024
<input type="checkbox"/> 50% CDS	3/18/2024
<input type="checkbox"/> PERMIT	3/25/2024

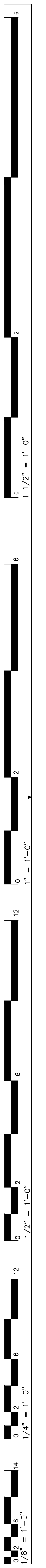
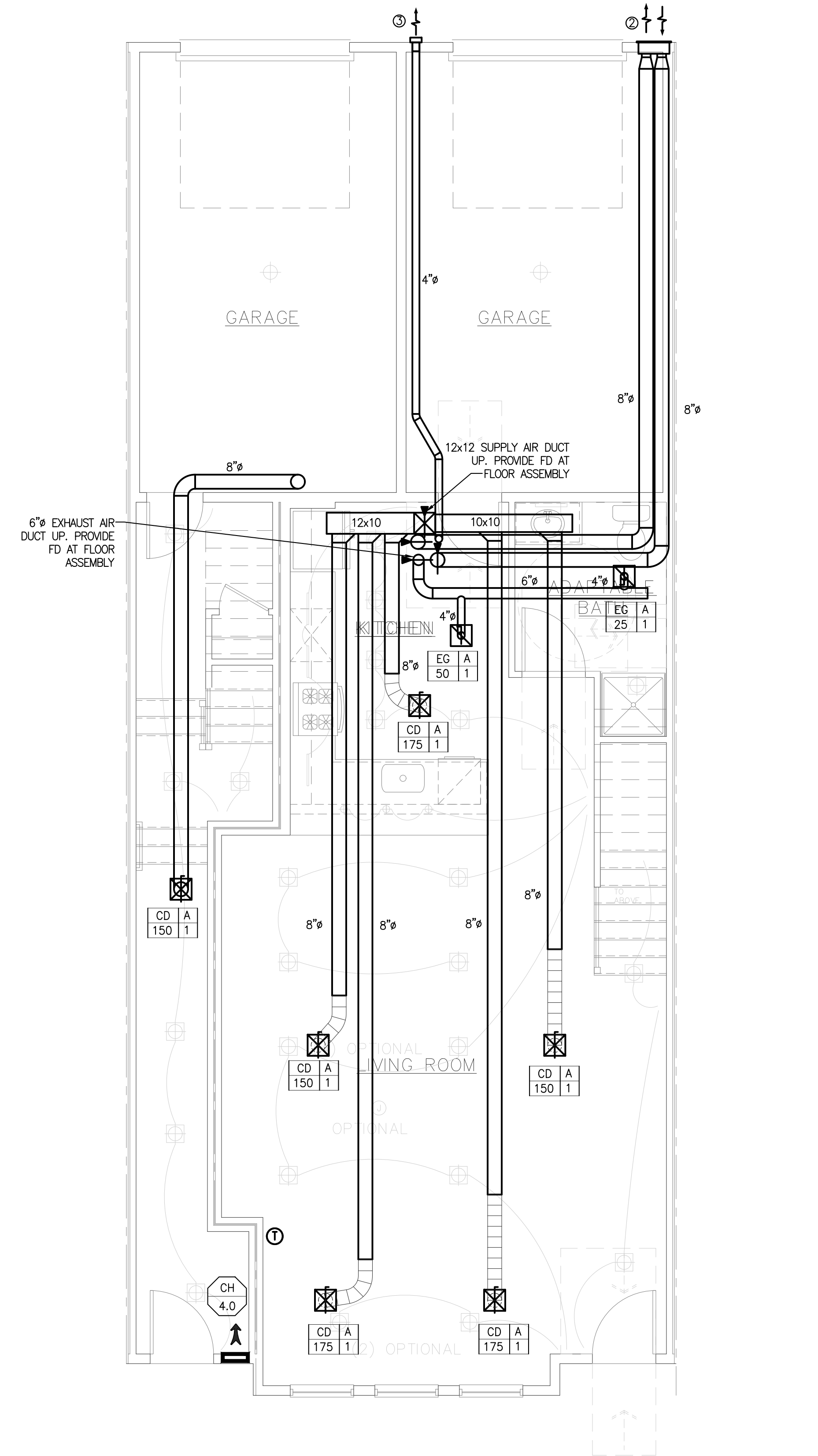
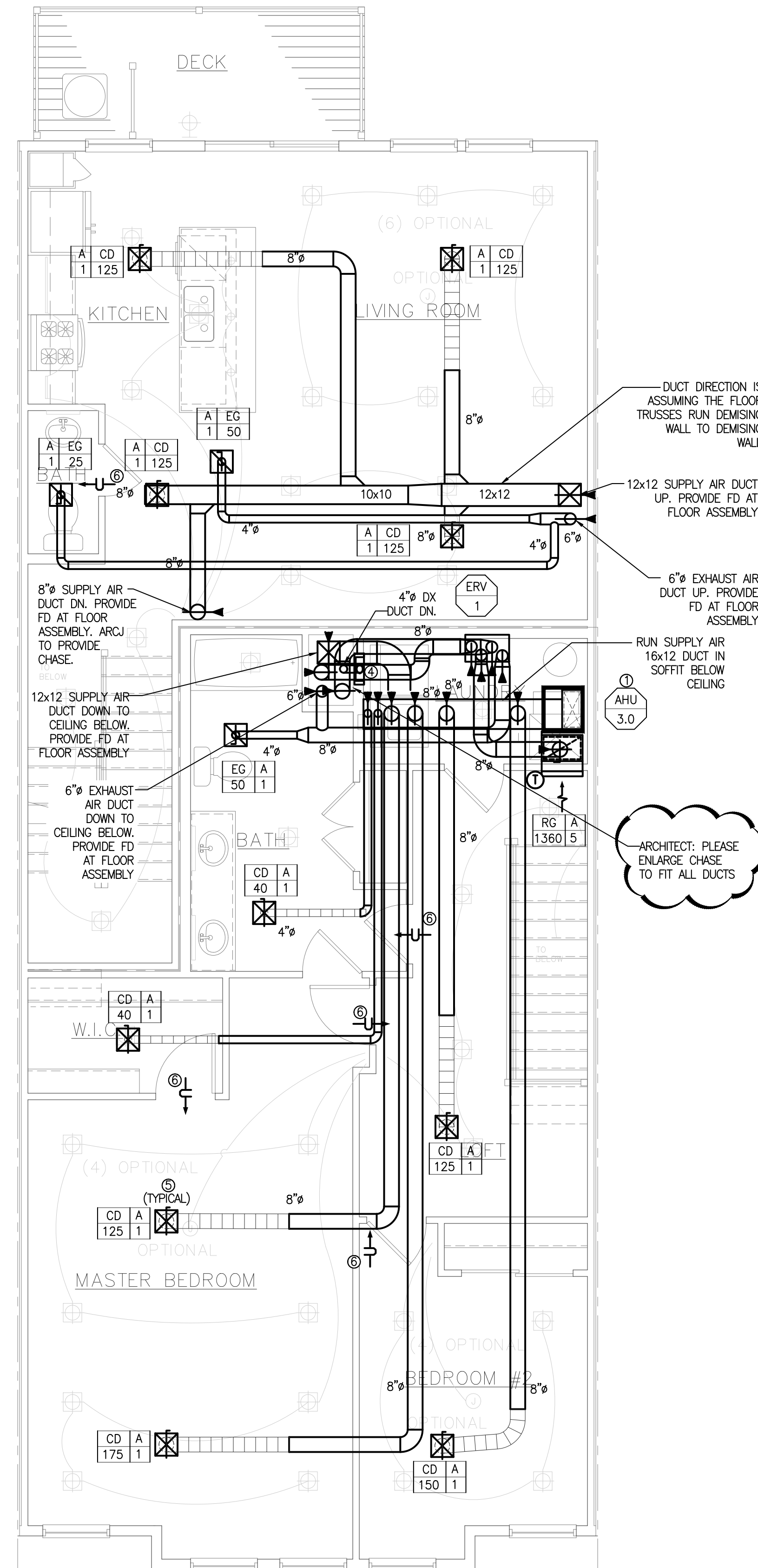
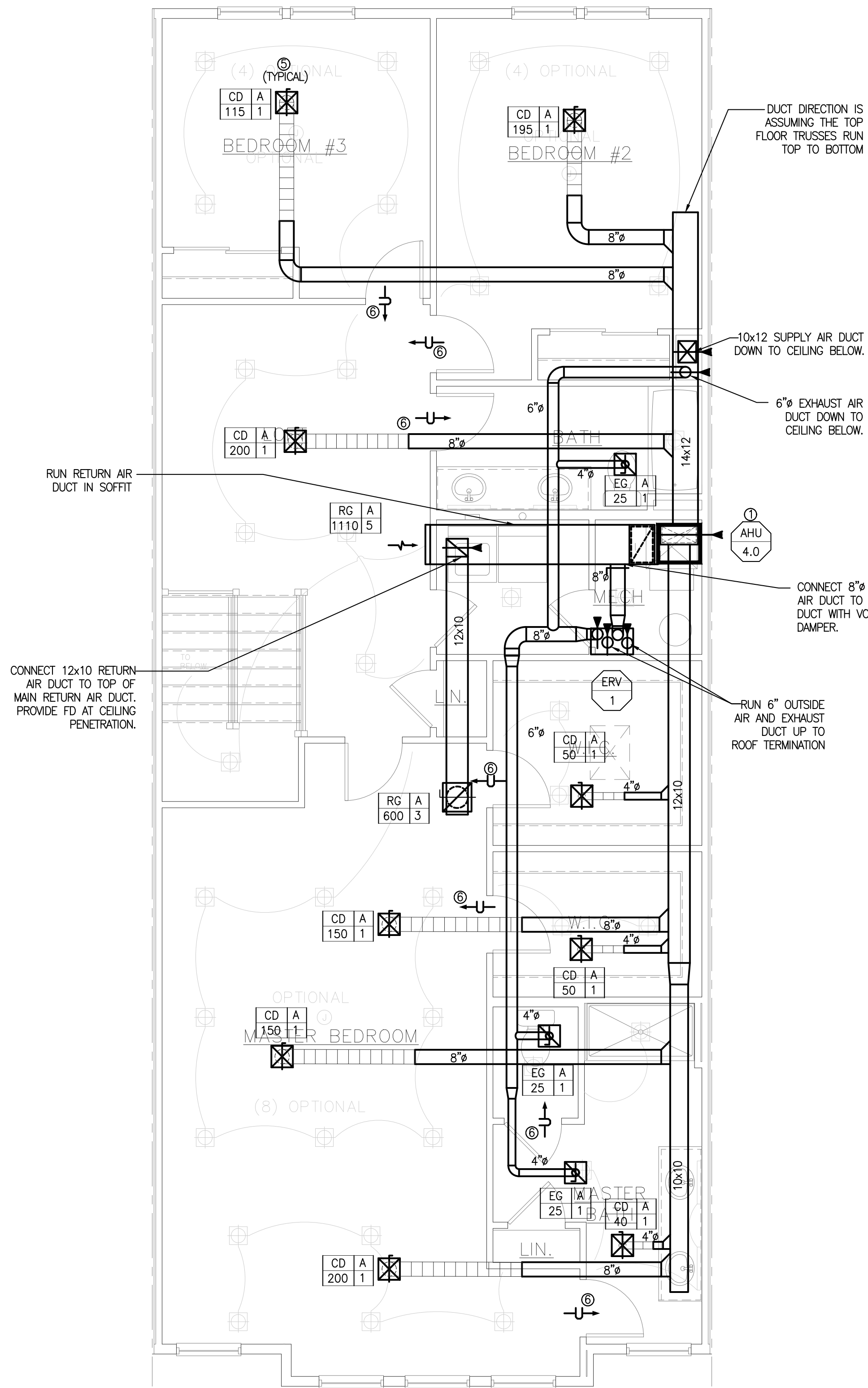
REVISIONS

MECHANICAL GENERAL NOTES:

- WHERE DRYER EXHAUST IS CONCEALED WITHIN THE BUILDING CONSTRUCTION, THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG, LOCATED WITHIN 6" OF THE EXHAUST DUCT CONNECTION.
- UNDERCUT RESTROOM DOORS 1", TYPICAL FOR ALL UNITS.
- COORDINATE LOCATION OF EXHAUST DISCHARGE AND OA WITH FLOORPLANS.
- ALL DUCTWORK, DIFFUSERS AND RETURN AIR GRILLS TO BE EQUIPPED WITH CRD'S WHERE PENETRATING FIRE-RATED CEILING, COORDINATE WITH ARCH.
- PROVIDE DUCT INSULATION ON ALL SUPPLY DUCT AND OA DUCTWORK. EXTERNALLY WRAP ALL SUPPLY AND OA DUCTWORK.
- PROVIDE ACCESS DOORS FOR ALL FD'S AND FSD'S AT THE DUCTWORK AND CEILING FOR PROPER ACCESS.
- PROVIDE FD'S AT ALL PENETRATIONS THROUGH FIRE-RATED WALLS, CEILINGS, AND SHAFTS WHERE REQUIRED, WHETHER INDICATED ON THIS PLAN OR NOT.
- PROVIDE CEILING RADIATION DAMPER AT ALL RATED CEILING PENETRATIONS.
- EXHAUSTS SHOULD BE A MINIMUM OF 3' FROM ANY OPERABLE OPENINGS INTO THE BUILDING AND 10' AWAY FROM ANY INTAKES.
- FLEX DUCT SHALL BE NO MORE THAN 6 FEET

MECHANICAL KEY NOTES:

1. PROVIDE SPLIT FURNACE/AC UNIT AS SCHEDULED LOCATED IN CLOSET. PROVIDE 1" ALL IN S/P DUCTS AS SHOWN. PROVIDE FD W/AD AT RATED CEILING PENETRATION FOR SUPPLY AND/OR RETURN AIR DUCT AS SHOWN. RUN 3" FA/OA UP TO ROOF AND TERMINATE WITH CONCENTRIC VENT CAP. MAINTAIN 10 FEET FROM ANY FRESH AIR INTAKE.
2. PROVIDE BROAN METAL TANDEM HOOD (PART NUMBER: V14695). INSTALL VENT KIT AND DUCT CONNECTIONS PER MANUFACTURER GUIDELINES. PROVIDE WATER TIGHT SEAL AND FILL GAP BETWEEN WALL BOX AND WALL WITH URETHANE INSULATION FOAM.
3. PROVIDE BROAN STEEL WALL CAP (MODEL 885BL) WITH BUILT IN BACK DRAFT DAMPER AND PROTECTIVE BIRD SCREEN.
4. PROVIDE UL LISTED, RECESSED DRYER VENT BOX "IN-0--VATE TECHNOLOGIES, INC. MODEL 425" APPROVED FOR 2X6 STUD WALL INSTALLATION.
5. PROVIDE CEILING RADIATION DAMPER.
6. UNDERCUT DOOR 1"
7. PROVIDE FD W/AD AT RATED CEILING PENETRATION.



MECHANICAL UNIT PLANS

RELEASED FOR	DATE
<input type="checkbox"/> SCHEMATIC DESIGN	1/26/2024
<input type="checkbox"/> DESIGN DEVELOPMENT	2/21/2024
<input type="checkbox"/> 50% CDS	3/18/2024
<input type="checkbox"/> PERMIT	3/25/2024

REVISIONS

NO.	DESCRIPTION

1/2" = 1'-0"
 1/4" = 1'-0"
 3/8" = 1'-0"
 1/8" = 1'-0"

SPLIT SYSTEM CONDENSING UNITS

TAG/UNIT TYPE SERVED	AC UNIT	SENSIBLE COOLING CAPACITY (BTU/HR)	TOTAL CAPACITY (BTU/HR)	COMPRESSOR			CONDENSER FAN SECTION		ELECTRICAL				WEIGHT	MANUFACTURER MODEL NUMBER	SEER	REMARKS
				RLA	LRA	REFRIG.	MIN. MOTOR HP	FLA	TOTAL FLA	VOLTS/PHASE	MIN. CIRCUIT AMPACITY(A)	MAX FUSE SIZE(A)				
CU-3.0	AC-3.0	26,400	32,200	14.1	77.0	R-410A	3/8	0.95	15.1	230/1	18.6	30	162	GOODMAN GSX160361F	16.00	NOTES 1-6
CU-4.0	AC-4.0	34,580	45,500	17.9	112	R-410A	1/2	1.3	19.2	230/1	23.7	40	219	GOODMAN GSX160481F	16.00	NOTES 1-6
CU-5.0	AC-5.0	41,400	54,000	21.4	135	R-410A	5/8	2.8	24.2	230/1	29.6	40	279	GOODMAN GSX160601F	16.00	NOTES 1-6

- NOTES:
- PROVIDE POWER DISCONNECT.
 - PROVIDE WALL MOUNTED PROGRAMMABLE THERMOSTAT.
 - PROVIDE RUBBER ISOLATOR KIT FOR CONDENSING UNIT.
 - UNITS SHALL BE RATED AT 95 DEG F DB / 75 DEG F WB.
 - PROVIDE NON-BLEED TXV KIT FOR COOLING COIL.
 - ALL QUANTITIES TO BE VERIFIED BY THIS CONTRACTOR PRIOR TO PURCHASE.

FURNACES

TAG	AC UNIT	MAX. INPUT CAPACITY (BTU/HR)	MAX. OUTPUT CAPACITY (BTU/HR)	TEMP. RISE (°F)		BLOWER FAN SECTION				VENT SIZE (IN)		FILTER		ELECTRICAL			WEIGHT	MANUFACTURER MODEL NUMBER	AFUE	REMARKS
				MIN	MAX	CFM	EXT. S.P. (in)	MIN. MOTOR HP	RPM	FAI	FLUE	THICK (in)	DIM (in)	VOLTS/PHASE	MIN. CIRCUIT AMPACITY(A)	MAX FUSE SIZE(A)				
AHU - 3.0	AC - 3.0	80,000	76,800	35	65	1200	0.7	1	1075	3	3	1	24x25	120/1	14.1	15	139	GOODMAN GM9C96080	96.0	NOTES 1-2
AHU - 4.0	AC - 4.0	100,000	96,000	35	65	1500	0.8	1	1075	3	3	1	24x25	120/1	16.9	20	141	GOODMAN GM9C96100	96.0	NOTES 1-2
AHU - 5.0	AC - 5.0	120,000	115,200	35	65	1800	0.8	1	1075	3	3	1	24x25	120/1	16.9	20	154	GOODMAN GM9C96120	96.0	NOTES 1-2

- NOTES:
- PROVIDE DRAIN PAN WITH EMERGENCY LEAK DETECTOR.
 - PROVIDE UNIT WITH 2-STAGE HEAT.

COOLING COILS

TAG	AC UNIT	COOLING CAPACITY		CFM	REF. LINE SIZE		WEIGHT	MANUFACTURER MODEL NO.	REMARKS
		TOTAL CAPACITY (BTU/HR)	SENSIBLE CAPACITY (BTU/HR)		GAS	LIQUID			
CC-3.0	AC-3.0	26,400	32,200	1200	3/8	3/8	57	GOODMAN CAPEA3026	-
CC-4.0	AC-4.0	34,580	45,500	1500	1/2	1/2	67	GOODMAN CAPEA04830	-
CC-5.0	AC-5.0	41,400	54,000	1800	5/8	5/8	76	GOODMAN CAPEA06030	-

CONDENSATE PUMPS

PUMP No.	LOCATION	SERVICE	GPM PER PUMP	SUCTION TEMP. (°F)	DISCHARGE PRESS. (PSIG) PER PUMP	MOTOR R.P.M.	RECEIVER (CONST.)	MIN. MOTOR HP PER PUMP	ELECTRICAL				MANUFACTURER MODEL No.	REMARKS	
									VOLTS	PHASE	Hz	RECEIVER SIZE (GAL)			
CP-1	MULTIPLE (1 FOR EACH AC UNIT)	ACU CONDENSATE REMOVAL	1.08	50	5	1750	PLASTIC	3/8	120	1	60	1/2	1	LITTLE GIANT VCMA-15UL	-

RESIDENTIAL CEILING SUPPLY DIFFUSERS

CFM RANGE	NECK SIZE (IN)	NOM. FACE SIZE (IN)	MAX. BRANCH SIZE	MANUFACTURER MODEL NUMBER	NOTES
CD-1	0 - 250	9 x 9	12 x 12	10"*	TUTTLE&BAILEY MA NOTES 1,2,3,4

- NOTE:
- BORDER TYPE TO BE COMPATIBLE WITH CEILING TYPE.
 - COLOR AND FINISH TO BE REVIEWED AND APPROVED BY THE ARCHITECT.
 - PROVIDE VOLUME DAMPER OPERATED THROUGH FACE OF THE DIFFUSER, OR OPPOSED SLIDE DAMPER.
 - PROVIDE SQUARE TO ROUND ADAPTER WITH 8" ROUND NECK.
 - PROVIDE INTEGRAL CEILING RADIATION DAMPER.

RETURN GRILLES (UNITS)

(TUTTLE & BAILEY T70D)

TAG	DUCTED		
	CFM RANGE	NOMINAL DUCT SIZE	FACE SIZE
RG-1	0-600	12 x 12 (24x6)	14 x 14 (26x8)
RG-2	601-850	14 x 14 (36x6)	16 x 16 (38x8)
RG-3	851-1200	16 x 16 (42x6)	18 x 18 (44x8)
RG-4	1201-1500	18 x 18 (24x12)	20 x 20 (26x14)

- NOTE:
- BORDER TYPE TO BE COMPATIBLE WITH WALL TYPE.
 - COLOR AND FINISH TO BE REVIEWED AND APPROVED BY THE ARCHITECT.
 - PROVIDE VOLUME BRANCH DAMPER, WHERE LOCATED IN INACCESSIBLE AREAS, PROVIDE CABLE OPERATED DAMPER LOCATED IN THE BRANCH, OPERABLE THROUGH THE FACE OF THE DIFFUSER (KEY OPERATED).

UNIT HEATERS

NO.	MAKE	MODEL	KW	VOLTS	PHASE	AMPS	THERMOSTAT	DISC. SW.	MOUNTING	REMARKS
CUH-2.0	BERKO	FRA4020	2.0	208	1	9.6	UNIT-MOUNTED	YES	WALL MOUNTED	NOTES 1-3
CUH-4.0	BERKO	FRA4020	4.0	208	1	19.2	UNIT-MOUNTED	YES	WALL MOUNTED	NOTES 1-3
UH-2.0	BERKO	HUH524TA	1.9	208	1	9.0	UNIT-MOUNTED	YES	CEILING MOUNTED	NOTES 2-4

- NOTES:
- PROVIDE WALL MOUNTED RECESSED BOX.
 - PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
 - HEATERS SHALL INCLUDE A THERMAL OVERLOAD PROTECTOR WITH MANUAL RESET.
 - UNIT HEATER SHALL BE MOUNTED AT LEAST 7 FT ABOVE FLOOR.

ENERGY RECOVERY VENTILATOR SCHEDULE

Energy Recovery					Supply Fan					
MARK NAME	MODEL	ER TYPE	MOUNTING LOCATION	WEIGHT (LBS)	SUPPLY AIR VOLUME (CFM)	SUPPLY ESP (IN.WG.)	MOTOR (WATTS)			
ERV-1	CASA-R3 GENIUS	ROTOR	WALL MOUNTED	110	150	1.0	30			
Exhaust Fan			Electrical							
EXHAUST AIR VOLUME (CFM)	EXHAUST ESP (IN.WG.)	MOTOR (WATTS)	VOLTAGE	FREQUENCY	PHASE	MCA	MOP			
75	1.0	30	240	60	1	1.5	15			
Summer Energy Recovery Performance										
Outside Air DB	Outside Air WB	Supply Air DB	Supply Air WB	Return Air DB	Return Air RH	Exhaust Air DB	Exhaust Air WB	ASHRAE 90.1 Enthalpy Recovery Ratio	EA Wheel Effectiveness	
95.0 F	75.0 F	75.6 F	65.2 F	75.0 F	50 %	91.2 F	72.9 F	85.8	79.9	
Winter Energy Recovery Performance										
Outside Air DB	Outside Air WB	Supply Air DB	Supply Air WB	Return Air DB	Return Air RH	Exhaust Air DB	Exhaust Air WB	ASHRAE 90.1 Enthalpy Recovery Ratio	EA Wheel Effectiveness	
10.0 F	7.7 F	60.8 F	48.5 F	72.0 F	35 %	21.2 F	21.2 F	85.2	79.9	

- NOTES:
- UNIT TO BE COMPLETE PACKAGE.
 - ERV SHALL OPERATE 24/7.
 - PROVIDE ENERGY WHEEL DEFROST FUNCTION.
 - REFER TO FLOOR PLANS FOR ERV ORIENTATION.
 - PROVIDE WITH MERV 13 OA AND RETURN AIR FILTERS.
 - PROVIDE WITH WALL MOUNT BRACKET.
 - PROVIDE WITH CONTROLLER.

MINNO WASKO
 ARCHITECTS AND PLANNERS

KEAO
 ENGINEERS
 Engineering Excellence since 1984
 186 WOOD AVE. SOUTH, 1ST FLOOR
 ISELIN, NJ 08830
 TEL: (732) 635 0044 • FAX: (732) 635 1777

MONTGOMERY CROSSING - BLDG A
 EAST HARTWICK DRIVE
 MONTGOMERY TOWNSHIP
 COUNTY OF SOMERSET, NJ

SHARBELL DEVELOPMENT CORP.
 1 UNION STREET, SUITE 208
 ROBBINSVILLE, NJ 08869
 609 918-2400

ARMEN KHACHATURIAN
 PRINCIPAL IN CHARGE
 CM, JP, SM
 PROJECT TEAM
 AK
 CHECKED BY
 BEST DESCRIPTION
MECHANICAL SCHEDULES

RELEASED FOR	DATE
□ SCHEMATIC DESIGN	1/26/2024
□ DESIGN DEVELOPMENT	2/21/2024
□ 50% CDS	3/18/2024
□ PERMIT	3/25/2024

REVISION	DATE

2697
 PROJECT NUMBER
M7.01
 SHEET NUMBER
 PROJECT NORTH