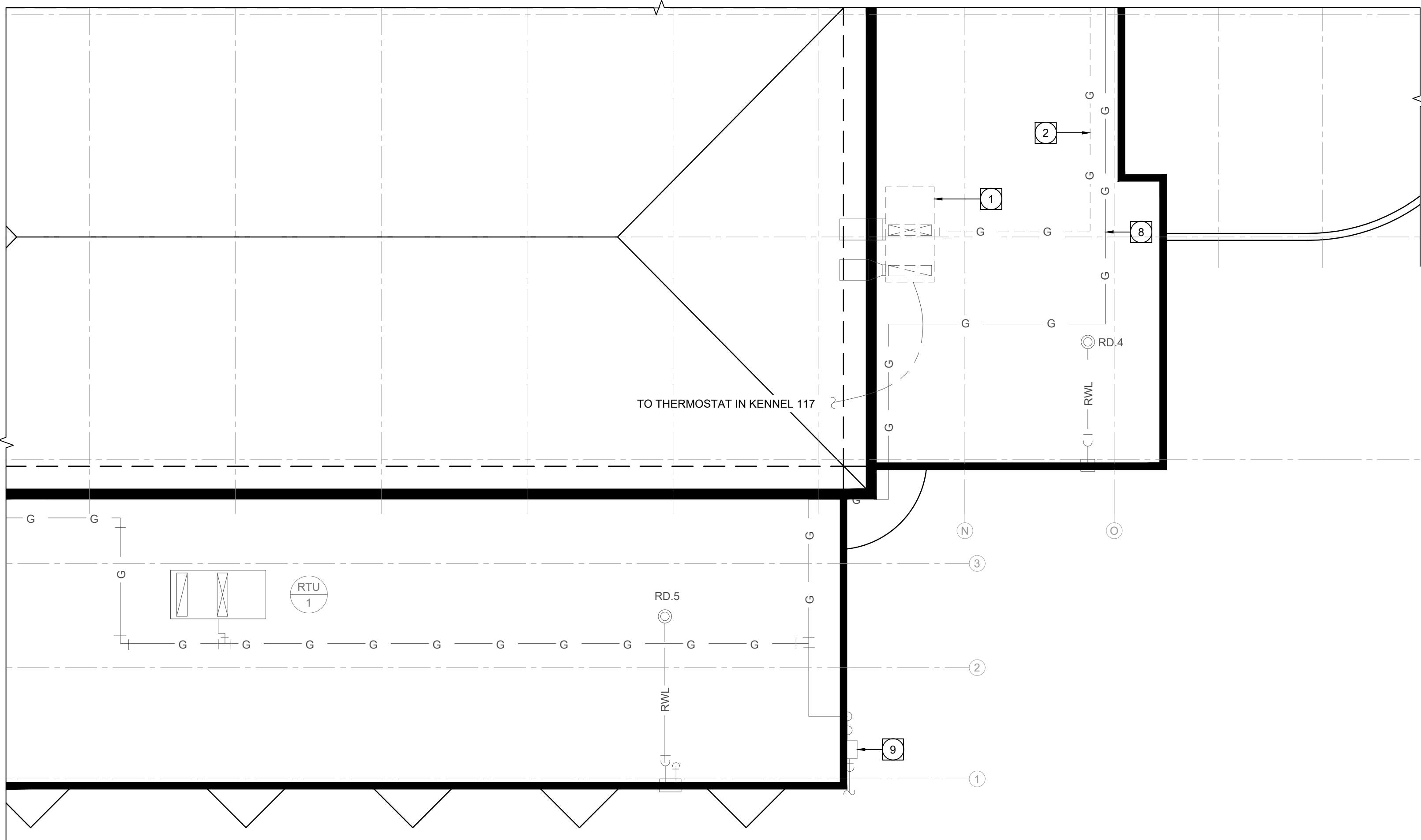
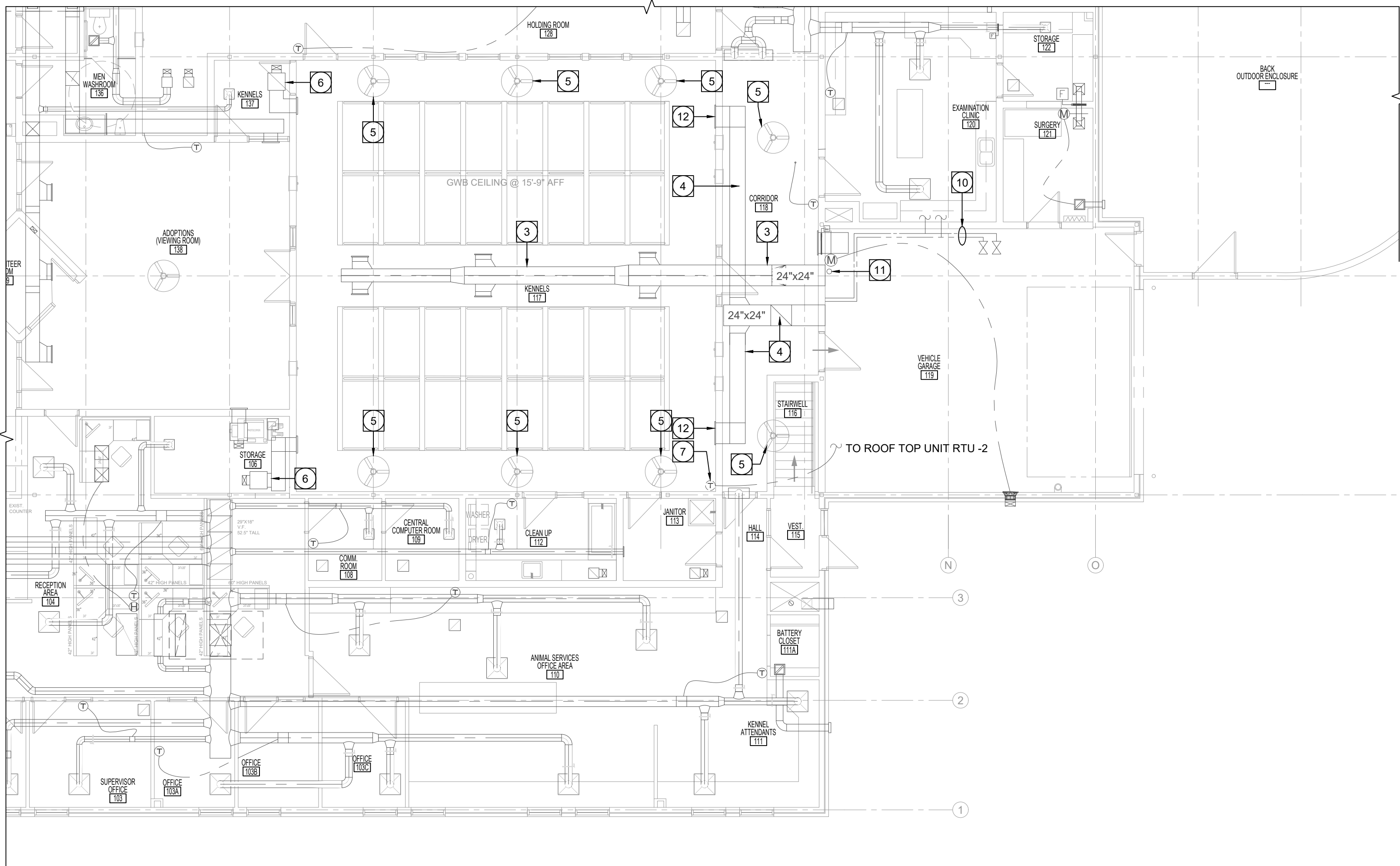


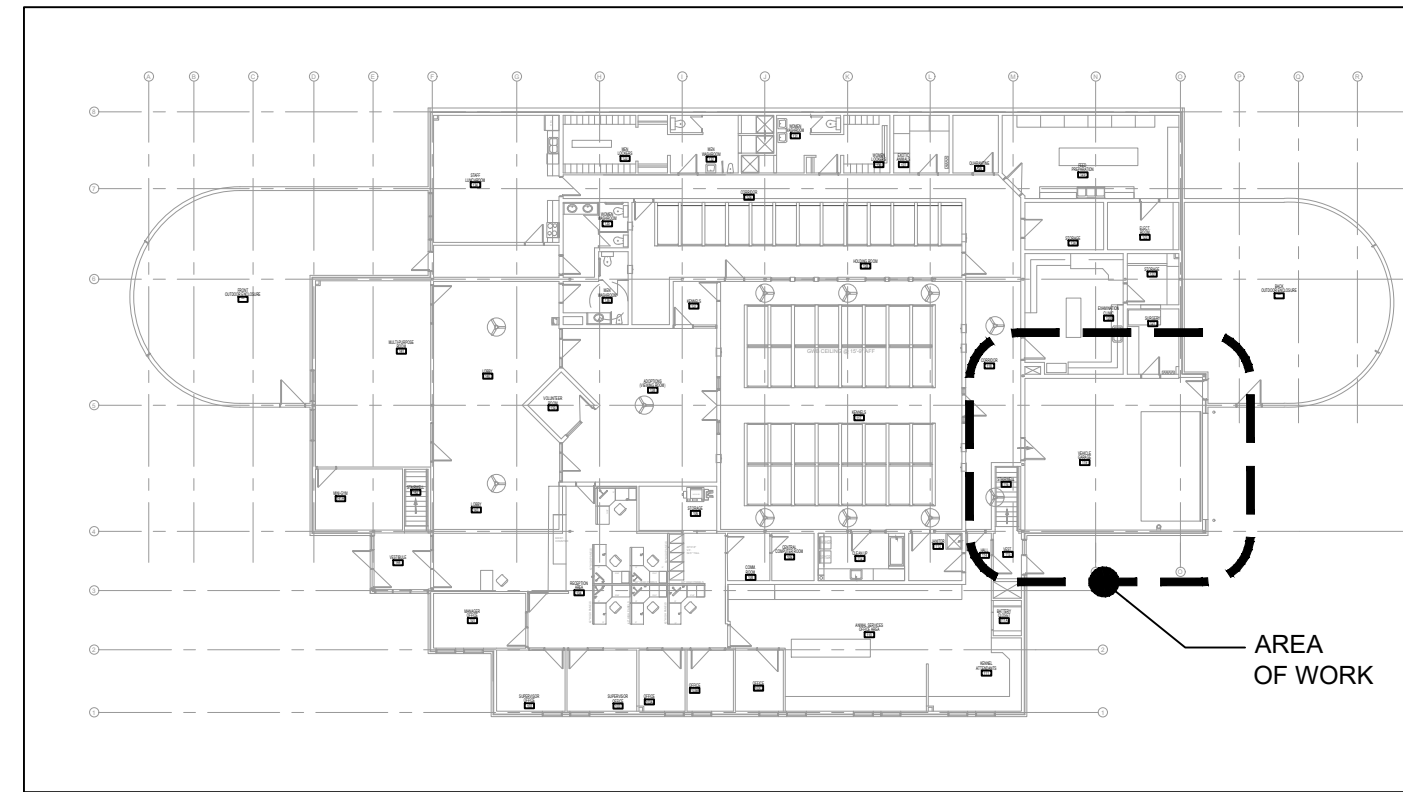


1 PARTIAL ROOF PLAN - MECHANICAL DEMOLITION
M1 SCALE: 1/8" = 1'-0"



2 PARTIAL MAIN FLOOR PLAN - MECHANICAL DEMOLITION
M1 SCALE: 1/8" = 1'-0"

- MECHANICAL DEMOLITION NOTES:**
- 1 DISCONNECT AND REMOVE EXISTING ROOF TOP UNIT ON THE ROOF, TEMPORARILY CAP OFF DUCT OPENINGS.
 - 2 REMOVE EXISTING NATURAL GAS LINE BACK TO PRESSURE REDUCING VALVE AS INDICATED, CAP OFF GAS LINE OPENING.
 - 3 EXISTING SUPPLY AIR DUCTWORK AT HIGH LEVEL TO REMAIN.
 - 4 EXISTING RETURN AIR DUCTWORK TO REMAIN.
 - 5 EXISTING CEILING FAN TO REMAIN.
 - 6 EXISTING EXHAUST FAN AND ASSOCIATED EXHAUST DUCTWORK TO REMAIN, ELECTRICALLY DISCONNECT EXHAUST FAN.
 - 7 REMOVE EXISTING THERMOSTAT.
 - 8 MODIFY EXISTING NATURAL GAS LINE TO ACCOMMODATE THE NEW RTU-2 INSTALLATION, REFER TO M2.
 - 9 EXISTING GAS METER LOCATION.
 - 10 EXISTING DCW AND DHW LINE TO REMAIN.
 - 11 EXISTING WASHER HUB DRAIN TO REMAIN.
 - 12 EXISTING RETURN AIR GRILLE C/W FILTER TO REMAIN.



KEY PLAN
N.T.S.

MECHANICAL LEGEND	
---	DOMESTIC WATER PIPING
---	EXISTING CONSTRUCTION TO REMAIN
---	TO BE DEMOLISHED
---	NEW CONSTRUCTION
-G-	NATURAL GAS LINE
①	THERMOSTAT
J	BALANCE DAMPER
∇	GATE VALVE
∇	GAS PRESSURE REGULATOR
▷	REDUCER
	EXTERNALLY INSULATED DUCTWORK
	ACOUSTICALLY INSULATED DUCTWORK
⊠	SUPPLY AIR GRILLE
⊠	RETURN AIR GRILLE
⊠ ⊠	SUPPLY AIR DUCT UP/DOWN
⊠ ⊠	RETURN AIR DUCT UP/DOWN
##	EQUIPMENT DESIGNATION
A	GRILLE TYPE (SEE GRILLE SCHEDULE)
-X-	SIZE
CFM	CFM / R/A

MECHANICAL DRAWING LIST	
SHEET No:	SHEET TITLE
M1	KEY PLAN, MECHANICAL LEGEND, PARTIAL ROOF PLAN AND PARTIAL MAIN FLOOR PLAN - MECHANICAL DEMOLITION
M2	PARTIAL ROOF PLAN AND PARTIAL MAIN FLOOR PLAN - MECHANICAL RENOVATION
M3	MECHANICAL SPECIFICATIONS
M4	MECHANICAL SPECIFICATIONS

HUMIDIFIER SCHEDULE											
TAG	SERVICING	TYPE	MANUFACTURER	MODEL	SUPPLY AIR FLOW CFM	FRESH AIR CFM	SPACE RH %	STEAM SUPPLY IBS/HR	ABSORPTION DISTANCE FT	POWER	
HU-2	RTU-2	ELECTRIC	CONDAIR	RS090/208/3	4200	4200	30	86.7	1.04	V/Ph/HZ	KW
NOTE											
1	WALL MOUNTED ELECTRIC HUMIDIFIER										
2	MANIFOLD INSIDE 24"x24" SUPPLY DUCT										
3	PRODUCT LIST: RS 090/208/3 (1), SCALE MANAGEMENT TANK (2), HIGH PRECISION (SSR&TURBO FILL) (1), 0-10V DIGITAL HUMIDISTAT (1), HUMIDISTAT, ON/OFF, HIGH LIMIT, DIGITAL, DUCT MOUNT (1) SWITCH AIR PROVING (DUCT AIR FLOW SAFETY INTERLOCK)(1), HEADER MINI SAM-e 24" 3ctr, 1.75" TUBE (1), STEAM TUBE, MINI SAM-e, 20.5 IN TYPE MB (7)										

GENERAL NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

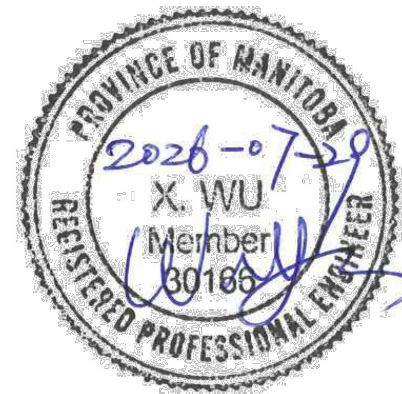
ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

0	ISSUED FOR CONSTRUCTION	XYW	07_28 2026
No.	REVISION DESCRIPTION	BY	DATE

SEAL



DATE	DESIGN	DRAWN	CHECKED	APPROVED
2026.07.28	BY: XYW	BY: HA	BY: XYW	BY: XYW



PROJECT
ANIMAL SERVICES
KENNEL ROOF TOP UNIT REPLACEMENT

1057 LOGAN AVENUE

SHEET TITLE
PARTIAL ROOF PLAN AND PARTIAL MAIN FLOOR PLAN - MECHANICAL DEMOLITION

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2025-005	M1