

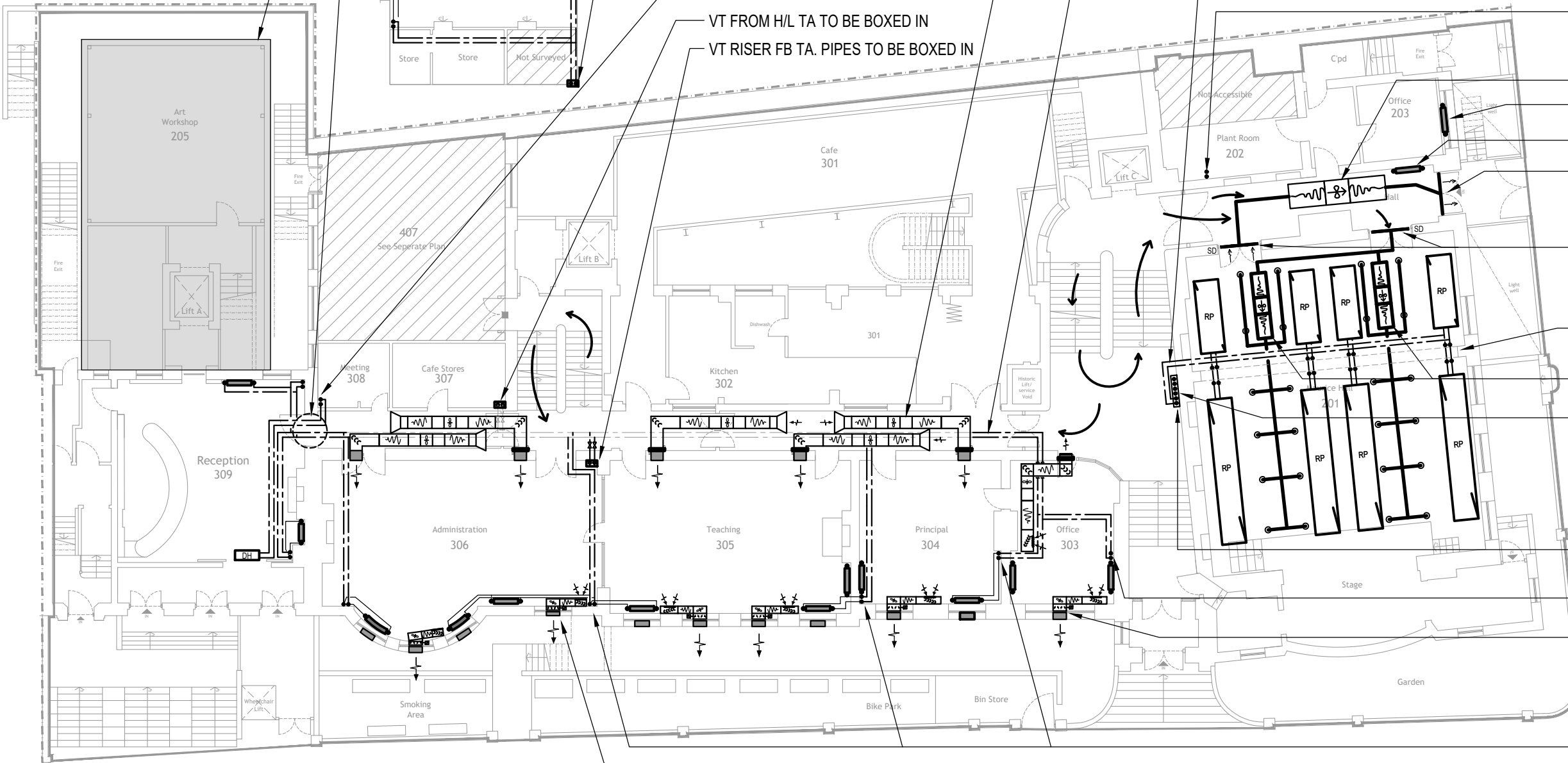
NOTE: CORRIDOR DOORS TO BE HELD OPEN BY EXISTING "HOLD OPEN" DEVICES TO MAINTAIN AIR FLOW. DOORS ONLY TO CLOSE UPON FIRE ALARM ACTIVATION.

VT F&R TO L/L AND TA
 EXISTING SECURITY BARRIER TO BE REPLACED WITH NEW SOLID DOOR(S) AND SURROUND TO PREVENT ENTRY OF AIR FROM STREET THROUGH ENTRANCE DOORS AND RECEPTION INTO CORRIDORS
 SHADED AREA INDICATES HEATING TO REMAIN AS EXISTING - SEPARATE SYSTEM.

VT F&R TO L/L AND TA
 VT FB AND TO H/L
 CT F&R FB TO H/L
 VT FROM H/L TA TO BE BOXED IN
 VT RISER FB TA. PIPES TO BE BOXED IN

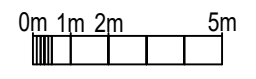
MMV SUPPLY AIR UNIT - TYPICAL
 NEW SUSPENDED CEILING TO REPLACE EXISTING AND ACCOMMODATE MMV UNITS. EXISTING H/L CABLING TO BE BOXED IN OR RELOCATED TO CEILING AS APPROPRIATE

CT FB & TA, VT FB & TA
 ALL PIPES BOXED IN
 CT F&R FB TA TO REMAIN AS EXISTING. SERVES REFECTORY AHU IN ROOM 202
 EXTRACT FAN AT H/L
 RAD SERVED FB
 RAD SERVED FB
 CONVERT TO NEW LOUVRE - FULL SIZE - REFER TO ARCHITECT DRAWING
 WALL MOUNTED INTAKE GRILLE AT H/L THROUGH EXISTING WINDOW OPENING
 VT F&R SET UNDER BEAM
 SUPPLY FANS AT H/L
 ALL RISING PIPES TO BE BOXED IN
 NOTE: ALL VENTILATION SYSTEMS EXPOSED AT HIGH LEVEL
 VT FB TO H/L SERVING MAURICE HALL
 VT F&R TO L/L TO RADS
 GRILLE/ ATTENUATOR/ LOUVRE/ DAMPER EXHAUST UNIT UNDER WINDOW, CONNECTED TO EXISTING WALL GRILLE EXCEPT WHERE INDICATED OTHERWISE - TYPICAL
 VT F&R TO L/L TO RADS
 NEW GRILLE TO MATCH EXISTING GRILLES



LEGEND	
-----	PIPEWORK AT HIGH LEVEL (H/L)
—————	PIPEWORK AT LOW LEVEL (L/L)
TA	TO ABOVE
FB	FROM BELOW
F&R	LTHW FLOW AND RETURN
HL	HIGH LEVEL
x	VALVE
▬	RADIATOR
•	PIPE RISE/ FALL POINT
MMV	MIXED MODE VENTILATION
LL	LOW LEVEL
SD	SMOKE DAMPER
CT	LTHW CONSTANT TEMPERATURE CIRCUIT - HEATER BATTERIES
VT	LTHW VARIABLE TEMPERATURE CIRCUIT - ALL RADIATORS
LTHW	LOW TEMPERATURE HOT WATER
▬	GRILLE IN FACADE - EXISTING UNLESS STATED OTHERWISE

NOTE: SOME RELOCATION OF EXISTING ELECTRICAL SYSTEMS AND MINOR MODIFICATIONS TO BUILDING ELEMENTS TO BE CARRIED OUT TO ACCOMMODATE NEW MECHANICAL SYSTEMS



Background Based On Architect's Drawing:
 Arch Dwg: 810- 44 Crowndale Road - Final

scale	1:200@A3	check	JS	project title	WMC Heating & Ventilation Improvement Project
date	06.04.18	drawn	RM	client	Working Mens College
PI	Preliminary	28.02.18		drawing title	Heating and Ventilation - Level 2-4
Rev	Description	Date		drawing number	1741-M203
				rev	P3

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