

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

INTAKE AIR PERMEATES FROM STAIRWELLS INTO CORRIDORS

PIPES TA TO SERVE RAD

PIPES AT H/L TA TO SERVE RAD

TB AND INTO 402

PIPES TO L/L TO BE BOXED IN

PIPES FROM H/L TA TO SERVE LIBRARY

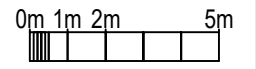
CT F&R FB & TA
VT F&R FB & TA
PIPES TO BE BOXED IN

PIPES TA TO SERVE RADS

MMV SUPPLY AIR UNIT - TYPICAL

HEATING FLOW/ RETURN PIPEWORK AT HIGH LEVEL IN CORRIDORS THERMALLY INSULATED AND SUITABLY FINISHED.

GRILLE / ATTENUATOR / LOUVRE / FAN / DAMPER EXHAUST UNIT UNDER WINDOW CONNECTED TO EXISTING WALL GRILLE EXCEPT WHERE INDICATED OTHERWISE - TYPICAL



- VT FROM H/L TO L/L & TA
- VT FROM H/L TO L/L & TA
- WINDOWS TO BE RENEWED WITH IMPROVED VENTILATION FACILITIES.
- CONDENSING UNIT LOCATION IF ACTIVE COOLING REQUIRED.
- EXISTING OVER-SIZED RADIATOR TO BE RENEWED WITH SUITABLY SIZED RADIATOR
- SHADED AREAS INDICATES EXISTING HEATING SYSTEM RETAINED
- NEW LOW LEVEL GRILLE ABOVE DOOR STEP. GLAZED DOORS RENEWED TO REDUCED HEIGHT TO SUIT
- PIPEWORK IN ROOMS EXPOSED & PAINTED
- DOORS TO BE ADJUSTED, OR RENEWED, AS REQUIRED TO BE ON HOLD-OPEN DEVICES TO ALLOW AIR FLOW THROUGH CORRIDOR
- VT F&R FB TO H/L
- VT RISER FB & TA THROUGH STORE RM

LEGEND			
-----	PIPEWORK AT HIGH LEVEL (H/L)	x	VALVE
-----	PIPEWORK AT LOW LEVEL (L/L)	▬	RADIATOR
TA	TO ABOVE	•	PIPE RISE/ FALL POINT
FB	FROM BELOW	MMV	MIXED MODE VENTILATION
F&R	LTHW FLOW AND RETURN	LL	LOW LEVEL
HL	HIGH 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
Rev	Description	Date	drawing title	drawing number	rev
P3	Planning	06.04.18	Heating and Ventilation - Level 4-6	1741-M205	P3
P2	Preliminary	21.03.18			
P1	Preliminary	28.02.18			

bsp
brinson / staniland / partnership

Kings House 32-40 Widmore Road Bromley Kent BR1 1RY
t 020 8466 6131 e admin@bspce.com www.bspce.com