

EXISTING DOUBLE DOORS ON HOLD-OPEN DEVICES

GRILLE WITH OPENING FORMED THROUGH EXISTING WINDOW "SOFT SPOT" ABOVE DOOR

SMOKE DAMPER

DOOR ON CLOSER

RISE TO CEILING WITH ATTENUATOR IN VERTICAL

MMV SUPPLY AIR UNIT AT HIGH LEVEL

SUMMER SITUATION, DAYTIME: THERMAL MASS IN ROOM PROVIDES RADIANT COOLING

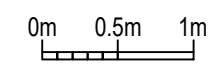
SUMMER NIGHT TIME OPERATION: SYSTEM OPERATES TO COOL THE THERMAL MASS BOTH IN THE CORRIDOR AND THE SPACE SERVED

NEW RADIATOR POSITION - FREES UP WALL SPACE UNDER THE WINDOW FOR EXHAUST VENT

GRILLE/ATTENUATOR/FAN/DAMPER/EXTERNAL GRILLE EXHAUST UNIT LOCATED IN EXISTING OPENING AT LOW LEVEL FOR WALL VENT

EXISTING CAST IRON GRILLES

NOTE: REFER TO OTHER DRAWINGS FOR ABBREVIATIONS



Teaching 502

AIR ENTERS CORRIDOR VIA INTAKE LOCATED AT TOP OF STAIRCASE

SUMMER SITUATION; DAYTIME: THERMAL MASS IN CORRIDOR ASSISTS WITH COOLING INTAKE AIR TO FAN UNIT IN EACH ROOM

SUPPLY DUCTWORK AND GRILLE IN BULKHEAD AT HIGH LEVEL

SUMMER DAY TIME OPERATION: SYSTEM OPERATES DURING HOURS OF OCCUPANCY. THERMAL MASS AND SUPPLY AIR COOLS ROOM AIR. OCCUPANTS RECEIVE RADIANT COOLING.

WINTER OPERATION: SYSTEM OPERATES TO PROVIDE MINIMUM VENTILATION REQUIREMENT WITH TEMPERED AIR SUPPLIED INTO STAIRWELLS BY ROOF AHU'S: DAYTIME OPERATION ONLY

NEW HEATING FLOW/ RETURN PIPE DROPPERS

WINDOW TREATMENT COMPRISING NEW REFLECTIVE METALLIC BLIND IN SPACE BETWEEN EXISTING WINDOW AND NEW SECONDARY GLAZING

EXISTING GRILLE BLANKED OFF ON INSIDE

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

scale	1:50@A3	check	JS	project title	WMC Heating & Ventilation Improvement Project
date	Mar 18	drawn	PD	client	Working Mens College
P2	Planning	06.04.18		drawing number	1741-M101
PI	Preliminary	21.03.18		rev	P2
Rev	Description	Date		drawing title	Typical Classroom Ventilation & Heating

bsp
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