A1

EXISTING WATER TANKS TO BE DRAINED DOWN AND CLEANED
WATER TANKS TO BE COVERED AND PROTECTED RE FILLED ON COMPLETION OF ROOF

EXISTING SMOKE DETECTORS AT THE A PITCH OF THE ROOF ALLOW FOR MAKING SAFE, CAREFULLY TAKING DOWN AND STORING TO FACILITATE WORKS. THE EXISTING FIRE ALARM CABLING SHALL BE UNCLIPPED AND TEMPORARILY TERMINATED AT HIGH LEVEL IN SUITABLE FIRE RESISTANT JUNCTION BOX TO FACILITATE REPLACEMENT OF ROOF . SMOKE DETECTORS SHALL BE REPLACED WITHIN 600mm OF APEX OF THE NEW ROOFLIGHTS FOLLOWING COMPLETION OF WORKS.

THE EXISTING FIRE ALARM & DETECTION SYSTEM MUST REMAIN OPERATIONAL AT ALL TIMES FOR THE DURATION OF THE WORKS. ALL MODIFICATIONS TO THE EXISTING FIRE ALARM SYSTEM SHALL BE CARRIED OUT AT SCHEDULED TIMES TO BE AGREED – ALLOW FOR OUT–OF–HOURS WORKS.

THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR TEMPORARILY DECOMMISSIONING THE FIRE ALARM SYSTEM AS REQUIRED TO FACILITATE WORKS AND FOR RECOMMISSIONING FOLLOWING COMPLETION OF WORKS.

CONTRACTOR TO ALLOW FOR THE SEGRAGATION OF SERVICES BETWEEN FIRE LV AND ELV WHERE POSSIBLE

3No. MOUNTED ROOF AIR FANS TO BE DISCONNECTED & AND PROTECTED DURING THE WORKS INCLUDING ALL ELECTRICAL CONNECTIONS.
NEW DUCTWORK CONNECTIONS SHALL BE EXTENDED TO ROOF LEVEL. EXISTING ROOF COWL CONNECTION SHALL BE REMOVED STORE SAFELY AND RELOCATED WHEN NEW ROOF IS INSTALLED

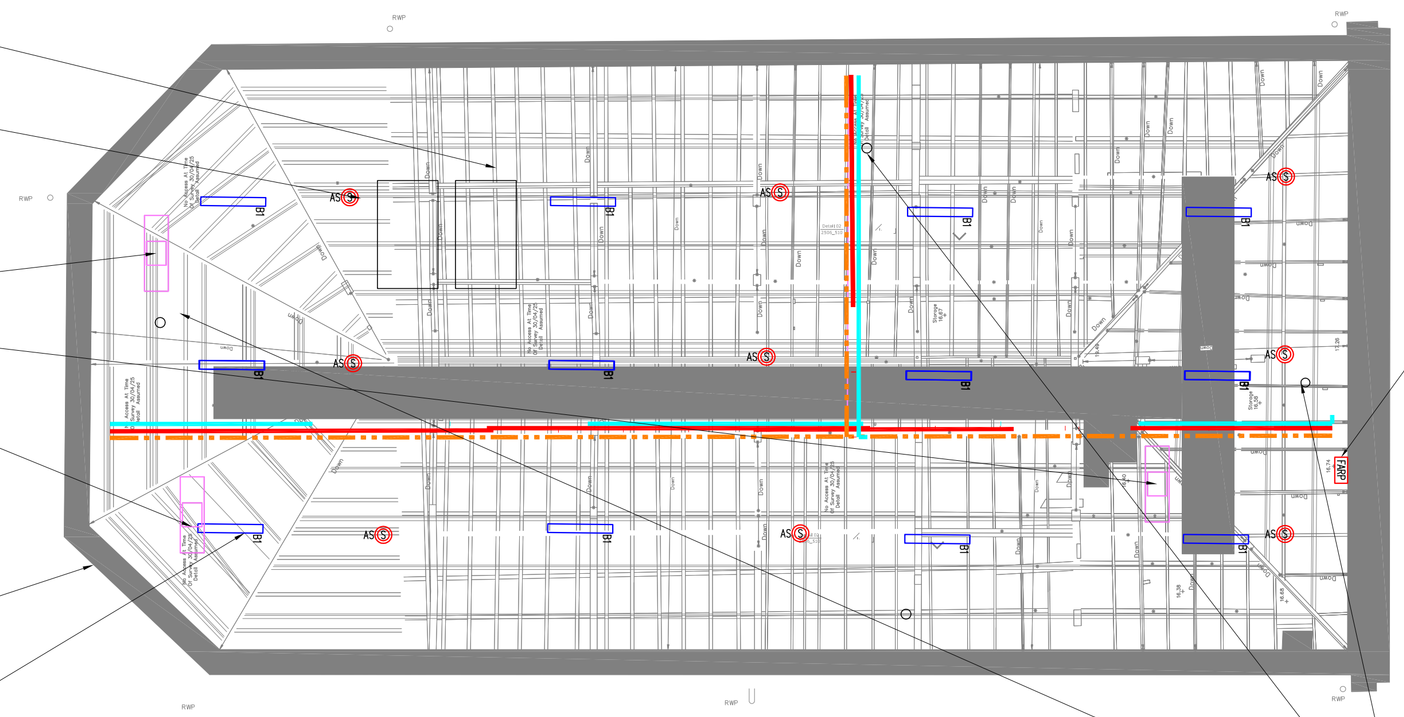
CONTRACTOR SHALL ALLOW FOR 2 NO 450MM X 450MM OPENING WITHIN THE ROOf

THE EXISTING SUPPLY AIR SHALL BE REPLACED AND CONFIRMATION OF AIRFLOW ONCE COMPLETE
2 NO BACKDRAUGHT SHUTTER ON EACH FAN AND DROP

THE MECHANICAL CONTRACTOR & MAIN CONTRACTOR TO LIAISE PRIOR TO COMMENCEMENT OF WORKS TO AGREE EXACT REQUIREMENTS.

CONTRACTOR SHALL ALLOW FOR ALL EXISTING STAGE LIGHTING TO BE PROTECTED FOR THE DURATION OF WORKS
CONTRACTOR SHALL ALLOW FOR A TEST ON ELEMENTS PRIOR TO WORK STARTING AND RE TESTING ONCE COMPLETE

CONTRACTOR SHALL ALLOW TO DISCONNECT EXISTING LIGHTING AND REPLACE WITH NEW LED FITTINGS BASED ON THE EXISTING LIGHTING LAYOUT CONTRACTOR TO ALLOW TO ISOLATE DISCONNECT EXISTING LIGHTING SAFELY REMOVE AND REPLACE WITH THE EXISTING CONTROLS TO REMAIN



CONTRACTOR TO ALLOW FOR PHASING AS PER OUR ARCHITECTURAL WORKS REQUIREMENTS

PROPOSED LOCATION FOR NEW ADDRESSABLE FIRE ALARM CONTROL PANEL TO SERVE THE ROOF– RECESSED AT 1400mm AFFL.
THIS NEW PANEL SHALL BE LINKED TO THE EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL IN THE SCHOOL WITH A NEW COMMUNICATIONS CABLE – ALLOW FOR A 2 PAIR SCREENED RS485 COMMUNICATIONS CABLE (ENHANCED GRADE 120), FINAL CABLE SELECTION TBA. THE NEW COMMUNICATIONS LINK CABLE SHALL BE CARRIED IN DEDICATED GALVANISED STEEL CONTAINMENT FOR FIRE ALARM.
THIS NEW PANEL SHALL BE C/W A NETWORK CARD FOR COMMUNICATIONS LINK.

CONTRACTOR TO ALLOW FOR ALL FIRE STOPPING OF WALLS WHERE PENETRATIONS OCCUR

ALL LIGHTING SHALL BE CONNECTED TO THE EXISTING SWITCH
SWITCH TO BE RECABLED

EXISTING 110ø SOIL VENT PIPE PENETRATIONS THROUGH FLAT ROOF.

THE EXISTING WEATHERING AROUND ROOF PENETRATIONS SHALL BE CAREFULLY REMOVED AS PART OF ROOF REPLACEMENT WORKS.
THE 110ø SOIL VENT PIPE PENETRATIONS THROUGH THE NEW ROOF BUILD–UP SHALL BE SUITABLY WEATHERED – ALL BY MAIN CONTRACTOR.

THE EXISTING 110ø SOIL VENT PIPES SHALL BE SUITABLY PROTECTED DURING WORKS.
UPON COMPLETION THE EXISTING SVPS SHALL BE EXTENDED TO FOR NEW ROOF TYLE.CONTRACTOR SHALL ALLOW FOR NEW VENT TILE THROUGH ROOF

36W LED SURFACE MOUNTED LUMINAIRE C/W DIGITAL DIMMABLE CONTROL GEAR

EXISTING SMOKE HEAD TO BE REMOVED AND REINSTATED

EXISTING EXTRACT FAN TO REMAIN

EXISTING SVP TO BE EXTENDED

LIGHTNING PROTECTION SPIKE

DOWNTAPE AND HEAVY DUTY COVER

FIRE ALARM PANEL

Stage 2B Tender: Volume A - Works Requirements

GENERAL NOTES

1) Do not scale services equipment from this drawing.
2) All dimensions should be checked on site.
3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below.
4) Drawing to be read in conjunction with all other drawings and documentation.

Rev	Description	Date	Drm	Chk
1	Tender Issue	15.10.26	NB	JG

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project title:
Proposed Extension to Roof Replacment Works St Michaels Theatre

drawing title:
Proposed Building Services Mechanical Electrical Roof Layouts

architect:
Conroys Architects

scale:	project number:	drawing number:
1/100	0726	EM-100