



Existing First Floor

SMALL POWER LEGEND	
SYMBOL	DESCRIPTION
	13 AMP UNSWITCHED FUSED SPUR CONNECTION UNIT
	13 AMP SWITCHED FUSED SPUR CONNECTION UNIT

PLANT CONTROL LEGEND	
SYMBOL	DESCRIPTION
	GAS KNOCK-OFF BUTTON

ACCESS CONTROL LEGEND	
SYMBOL	DESCRIPTION
	POWER SUPPLY UNIT DOOR CONTROLLER
	MAGNETIC DOOR LOCK
	GREEN DOME REQUEST TO EXIT BUTTON PUSH SWITCH
	GREEN EMERGENCY BREAK GLASS UNIT
	PROXIMITY READER / KEYPAD
	- ACCESS TOKEN FOB READER
	- PROXIMITY CARD READER
	- COMBINED PROXIMITY

DOC M DISABLED ALARM LEGEND	
SYMBOL	DESCRIPTION
	SINGLE ZONE CALL CONTROL UNIT C/W SOUNDER AND CALL ANSWERED INDICATOR LED
	OVERDOOR BEACON AND LED INDICATOR LIGHT
	REMOTE RESET BUTTON C/W SOUNDER AND CALL ANSWERED INDICATOR LED
	CEILING MOUNTED PULL CORD SWITCH C/W LED INDICATOR AND 2 RED PULL HANDLES
	MASTER DISABLED ALARM PANEL

REFUGE ALARM LEGEND	
SYMBOL	DESCRIPTION
	EMERGENCY VOICE COMMUNICATOR MASTER UNIT
	TYPE B OUTSTATION DISABLED REFUGE COMMUNICATOR

ABBREVIATIONS	
ACC	ACCESS CONTROL
CV	CEILING VOID
DD	DOOR DETENTE
DWC	DISABLED WC ALARM
EX	EXISTING
RA	REFUGE ALARM
RS	ROLLER SHUTTER
IE	INTEGRATED EMERGENCY

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	NVC LIGHTING - YALE PRO SURFACE MOUNTED LINEAR LED LUMINAIRE 57 Ww, 744mm. REF: NYA026-SB80
	NVC LIGHTING - DAKOTA LED EMERGENCY BULKHEAD 2W, 118mm. REF: NDK02TM3
	NVC LIGHTING - SENECA SURFACE MOUNTED LED EMERGENCY SCANLIGHT 3W, 200mm. REF: NSCRE02TM3
	NVC LIGHTING - SENECA RECESSED LED EMERGENCY SCANLIGHT 3W, 200mm. REF: NSCRE02TM3
	NVC LIGHTING - LEXINGTON LED EMERGENCY EXIT LUMINAIRE 57 Ww, 744mm. REF: NYA036-SB840
	NVC LIGHTING - NEBRASKA EXTERNAL LED EMERGENCY BULKHEAD 2 Ww, 133mm. REF: NED02TM3

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	MANUAL CALL POINT C/W PROTECTIVE COVER
	OPTICAL SMOKE DETECTOR WITH SOUNDER & STROBE BASE
	OPTICAL SMOKE DETECTOR
	INPUT/OUTPUT INTERFACE UNIT
	FIRE ALARM PANEL
	FIRE REPEATER PANEL
	20A KEY SWITCHED FUSED CONNECTION UNIT METAL CLAD FINISHED IN RED
	DOOR HOLD OPEN DEVICE
	POWER SUPPLY UNIT FOR DOOR HOLD OPEN DEVICE
	STROBE UNIT
	SOUNDER AND STROBE
	VOID DETECTOR
	HEAT DETECTOR
	HEAT DETECTOR WITH SOUNDER AND STROBE BASE
	CARBON MONOXIDE DETECTOR

INVACUATION / LOCKDOWN LEGEND	
SYMBOL	DESCRIPTION
	SOUNDER
	MANUAL CALL POINT (YELLOW)

LEGEND	
	TO BE INSTALLED SURFACE MOUNTED VIA DEDICATED 50mm CABLE TRAY

GENERAL NOTES	
1	THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ECS ELECTRICAL ENGINEERING SPECIFICATIONS
2	THIS DRAWING IS INDICATIVE AND IS INTENDED TO HIGHLIGHT THE PROPOSED LOCATION FOR THE CONTRACTOR SHALL NOTE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES THE CONTRACTOR SHALL INCLUDE TO PRODUCE THEIR OWN WORKING DRAWINGS, TAKE DETAILED SITE MEASUREMENTS, INDICATE THE PROVISION OF BUILDERS WORKS AND COORDINATE THE INSTALLATION OF ALL SERVICES
3	THE CONTRACTOR SHALL NOTE THIS DRAWING HAS BEEN PRODUCED USING LIMITED SURVEY INFORMATION THE CONTRACTOR SHALL INCLUDE TO CARRY OUT AN INTRUSIVE SURVEY AND TO PRODUCE DRAWINGS THAT REFLECT THE INSTALLATION
4	ALL EQUIPMENT SHALL BE INSTALLED & LOCATED TO MAINTAIN SPATIAL REQUIREMENTS TO FACILITATE ACCESS & MAINTENANCE IN LINE WITH MANUFACTURERS RECOMMENDATIONS AND GOOD PRACTICE GUIDES
5	ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES
6	ALL DETAILS ARE APPLICABLE TO EVERY DRAWING UNLESS INDICATED OTHERWISE
7	THE CONTRACTOR SHALL INCLUDE TO IDENTIFY THE COMPLETE EXISTING ELECTRICAL INSTALLATION, EXTEND AND ADAPT TO FACILITATE THE PROPOSED WORKS

DRAWING NOTES	
SYMBOL	DESCRIPTION
	THE CONTRACTOR SHALL INCLUDE TO SUPPLY AND INSTALL A COMPLETE GAS GUARD SYSTEM TO THE KITCHEN, PLANT, SCIENCE AND TECHNOLOGY ROOMS. THE CONTRACTOR SHALL LIAISE WITH A GAS SAFETY SPECIALIST. THE LOCATIONS OF GAS SOLENOID VALVES SHALL BE AGREED ON SITE
	THE CONTRACTOR SHALL SUPPLY & INSTALL A DEDICATED RADIAL CIRCUIT UTILISING 2.5mm² 60249 LSF CABLE FROM THE LOCAL DISTRIBUTION BOARD TO SERVE THE DOOR HOLD OPEN DEVICES/ACCESS CONTROL/AUTO OPENER/ DISABLED ALARM ROLLER SHUTTER INSTALLATION. THE CONTRACTOR SHALL SUPPLY & INSTALL A 16A RCD TYPE B WITHIN THE DISTRIBUTION BOARD TO SUPPLY THE CIRCUIT
	THE CONTRACTOR SHALL INCLUDE TO LINK THE NEW FIRE ALARM SYSTEM TO THE NEW FIRE ALARM SYSTEM
	THE CONTRACTOR SHALL INCLUDE TO SURVEY ALL CEILING VOIDS TO ASCERTAIN WHETHER THEY EXCEED 800mm. WHERE VOIDS ARE IN EXCESS OF 800mm, THE CONTRACTOR SHALL SUPPLY & INSTALL AUTOMATIC FIRE DETECTION
	THE CONTRACTOR SHALL INCLUDE TO SUPPLY AND INSTALL A 100mmHD DUCTWORK CABLE SYSTEM WITHIN A TRENCH OR A CATHENARY WIRE SUSPENSION SYSTEM TO FACILITATE THE INSTALLATION OF A F200 LINK CABLE BETWEEN THE SCHOOLS MAIN FIRE ALARM SYSTEM AND ALL OTHER BLOCKS
	THE CONTRACTOR SHALL INCLUDE TO LOCATE THE LIFT SUPPLY. THE CONTRACTOR SHALL INCLUDE TO SUPPLY AND INSTALL AN INTERFACE TO THE LIFT SUPPLIES. REFER TO THE ECS SITE LAYOUT FOR FURTHER DETAILS
	THE CONTRACTOR SHALL INCLUDE TO SUPPLY & INSTALL A LOCALISED CIRCUIT ADAPTION FROM THE LOCAL LIGHTING CIRCUIT IN 6x8 B CABLE DRAWN THROUGH PVC CONDUIT TO SUPPLY THE EMERGENCY LUMINAIRES
	FINAL POSITION OF INVACUATION ALARM BREAKGLASS TO BE CONFIRMED WITH SCHOOL BY CONTRACTOR
	THE CONTRACTOR SHALL INCLUDE TO REMOVE AND MAKE SAFE THE REDUNDANT FIRE ALARM PANEL
	THE CONTRACTOR SHALL INCLUDE TO ISOLATE, DISCONNECT, REMOVE AND MAKE SAFE THE REDUNDANT EMERGENCY LIGHTING WITHIN THE HALL

T2	GENERAL NOTES AMENDED	J.P.	July 2025
T1	TENDER ISSUE	J.P.	July 2025
Rev.	Description	Revised By	Date

STATUS	
TENDER	

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FOR THE
Westwood College, Leek
E3 Cube
Phase 2

Drawing Title
Block A, First Floor
Lighting & Fire Alarm Layout