

EXISTING / DEMOLITION LEGEND

	EXISTING MAIN SWITCHBOARD TO REMAIN. MODIFY / EXPAND / UPGRADE AS REQUIRED TO SUIT NEW WORKS.
	EXISTING XXXkVA SUPPLY AUTHORITY TRANSFORMER
	EXISTING DISTRIBUTION BOARD TO REMAIN. MODIFY AS REQUIRED TO SUIT NEW WORKS
	EXISTING CENTRE OF NETWORK TO REMAIN. MODIFY AS REQUIRED TO SUIT NEW WORKS.
	EXISTING COMMUNICATIONS RACK TO REMAIN. MODIFY AS REQUIRED TO SUIT NEW WORKS.
	EXISTING CEILING FAN TO REMAIN.
	EXISTING FAN CONTROL TO REMAIN.
	EXISTING PIR SENSOR TO REMAIN.
	EXISTING SCREAMER TO REMAIN.
	EXISTING DISTRIBUTION BOARD TO BE DECOMMISSIONED.

LIGHTING & LIGHTING CONTROL

	HANECO MATRIX LED PANEL LUMINAIRE
	LIGHT SWITCH n = QUANTITY OF GANG SHOWN COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE

EMERGENCY & EXIT LIGHTING

	NON-MAINTAINED RECESSED MOUNTED EMERGENCY LIGHT COLOUR: WHITE
	MAINTAINED ILLUMINATED EXIT SIGN WITH RUNNING MAN PICTOGRAPH

POWER LEGEND

	DISTRIBUTION BOARD. REFER TO SCHEMATIC FOR DETAILS TYPE: ABB OR APPROVED EQUAL
	SINGLE 10A SWITCHED SOCKET OUTLET (SGPO) C/W SAFETY SHUTTER OVER ACTIVE, AND CAPABLE TO USED BY EITHER TWO PIN OR THREE PIN PLUGS COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL CLASSIC C2000
	DOUBLE 10A SWITCHED SOCKET OUTLET (DGPO) C/W SAFETY SHUTTER OVER ACTIVE, AND CAPABLE TO USED BY EITHER TWO PIN OR THREE PIN PLUGS COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE
	DUAL 30 SERIES USB CHARGER MECH WITH STANDARD FLUSH PLATE. COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE
	SINGLE PHASE ISOLATOR. "xxxA" DENOTES RATING TYPE: CLIPSAL 56 SERIES OR APPROVED EQUAL
	THREE PHASE ISOLATOR. "xxxA" DENOTES RATING TYPE: CLIPSAL 56 SERIES OR APPROVED EQUAL
	EMERGENCY STOP RED MUSHROOM HEAD. (TWIST TO UNLOCK) SHUTDOWNS POWER TO ALL POWER CIRCUITS WITHIN THE ROOM IT IS LOCATED. NO OTHER POWER MUST BE EFFECTED ON ACTIVATION.
	RESET SWITCHES FOR THE EMERGENCY POWER SHUT-OFF CIRCUITS. PROVIDE 1 PER EACH EMERGENCY SHUTOFF WITH LABELING AND C/W RED NEON INDICATOR LIGHT.

COMMUNICATIONS LEGEND

	TELECOMMUNICATIONS OUTLET, CATEGORY 6a RJ45 SHUTTERED JACK MOLEX. "n" = DENOTES QTY OF GANGS COLOUR: COORDINATED WITH ARCHITECT/INTERIORS WS = LOCATED ON WORKSTATION. COORDINATE WITH WORKSTATION TYPE: CLIPSAL STANDARD RANGE + JACK & ACCESSORIES
	WALL MOUNTED SINGLE PHONE OUTLET COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE + JACK & ACCESSORIES + KRONE PLATE
	WIRELESS ACCESS POINT "n" = DENOTES QTY OF GANGS COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE + JACK & ACCESSORIES

AUDIO VISUAL

ALLOW TO ENGAGE / SUB-CONTRACT A AUDIO VISUAL INSTALLER/INTEGRATOR TO COMPLETE ALL AUDIO VISUAL WORKS. AV INSTALLER/INTEGRATOR SHALL BE RESPONSIBLE FOR ALL FINAL EQUIPMENT SPECIFICATIONS. COORDINATION OF EQUIPMENT & CABLING REQUIREMENTS TO PROVIDE A FULLY OPERATIONAL AV SYSTEM. AV INSTALLER/INSTALLER SHALL PROVIDE AUDIO VISUAL INSTALLATION DRAWINGS FOR CONTRACTOR WORKS.

PROVIDE TRAINING TO STAFF MEMBERS FOR OPERATION OF ALL AUDIO VISUAL & HEARING AUGMENTATION EQUIPMENT.

	AUDIO VISUAL WALL PLATE OUTLETS FOR PROJECTOR/INTERACTIVE BOARD/DISPLAY AND ASSOCIATED SPEAKERS WITH VGA, AUDIO (3.5mm), HDMI AND USB CONNECTIONS AT MIN. 500mmH AND LINKED WALL PLATE IN CONJUNCTION WITH DGPO - WALL / CEILING MOUNTED SPEAKERS. COORDINATE AV CABLING REQUIREMENTS & CABLE TYPES WITH FINAL EQUIPMENT SELECTIONS AND LOCATIONS. PROVIDE SUITABLE BOOSTERS AS REQUIRED TO SUIT CABLE LENGTH. PROVIDE 2m FLYLEADS FOR HDMI AND USB AS REQUIRED. COLOUR: COORDINATED WITH ARCHITECT/INTERIORS TYPE: CLIPSAL STANDARD RANGE
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HEARING AUGMENTATION

	GENERAL LEARNING AREA - SOUND FIELD PROVIDE THE FOLLOWING: • AUDIO CONNECTION WALL PLATE C/W 3.5MM AUDIO FEMALE INPUT LOCATED BESIDE PHONAK ROGER MULTI-MEDIA HUB AND ASSOCIATED SPLITTER AND 100V CONVERTER. • PHONAK ROGER MULTI-MEDIA HUB (PRMH) (PROVIDE 230VAC) • ROGER WALL PILOT LOCATED BESIDE ENTRY DOOR AT 1400mm AFFL AND 200mm AWAY FROM DOOR FRAME • ROGER DSF5000 SOUND FIELD SPEAKER ON WALL ADJACENT WHITEBOARD / DISPLAY FACING STUDENTS • ROGER PASS AROUND MIC. ROGER TOUCH SCREEN MIC, CHARGING STATION (COORDINATE WITH SCHOOL / HLA FOR REQUIREMENTS) • PRMH LOCATED WITHIN A CUSTOM BUILT HEAVY DUTY CLEAR POLYCARBONATE ENCLOSURE C/W HINGED LOCKABLE DOOR AND PRECISION CUT FINGER HOLE FOR DEVICE ACTIVATION AND CABLE OPENING FOR CONNECTION TO ADJACENT POWER AND AUDIO WALL PLATES. • 2 x ROGER MYLINKS - FOR PERSONS WITH "T-SWITCH" ON HEARING AID. • 2 x BRAILLE SIGNS LOCATED AT EXTERNAL ENTRANCE AND INTERNALLY TO ROOM SUIT NCC REQUIREMENTS (SECTION D3). • CABLING BETWEEN AUDIO CONNECTION WALL PLATE AND PROJECTOR/TV, LENGTH SHALL BE PROVIDED TO SUIT TEACHING WALL CONNECTION. 3.5MM AUDIO FLYLEAD CABLING FROM PRMH AND WALL PLATE.
	ROGER MEDIA HUB TRANSMITTER TYPE: HLA - PHONAK ROGER MULTI-MEDIA HUB

DEVICE GROUPINGS

REFER TO SPECIFIC LEGEND SECTION FOR DETAILED DESCRIPTION OF DEVICES. DEVICE GROUP SYMBOLS PROVIDED FOR DRAWING CLARITY.

	GROUP OUTLET 1 =
	GROUP OUTLET 2 =
	GROUP OUTLET 3 =

SCHEMATIC

	SUPPLY AUTHORITY METER
	MULTIFUNCTION METER TYPE: CETA PMC-340 OR APPROVED EQUAL
	MULTIFUNCTION METER COMPLETE WITH EMS CAPABILITY TYPE: CETA PMC-340 OR APPROVED EQUAL
	CURRENT TRANSFORMER
	FUSE
	BUSBAR
	ISOLATOR SWITCH "xxxA" DENOTES RATING
	MOULDED CASE CIRCUIT BREAKER (MCCB) OR MINIATURE CIRCUIT BREAKER (MCB) "xxxA" DENOTES RATING
	RESIDUAL CURRENT DEVICE CIRCUIT BREAKER (RCD OR RCBO) "xxxA" DENOTES RATING
	SPARE POLE
	SINGLE PHASE
	THREE PHASE
	SURGE DIVERTER
	EARTH / EARTH STAKE
	NEUTRAL BAR
	EARTH BAR
	CABLE REFERENCE NUMBER
	NORMALLY OPEN CONTACT
	DISCHARGE TEST SWITCH WITH TIMER
	PHOTOELECTRIC CELL
	TIME CLOCK DIGITAL MULTI-CHANNEL TYPE WITH 365-DAY PROGRAMMABLE
	CONTACTOR GROUP (DIAGRAMMATIC)
	SELECTOR SWITCH AUTO / OFF / MANUAL OVERRIDE

ABBREVIATIONS

600	DENOTES MOUNTING HEIGHT IN mm AFFL
AFFL	ABOVE FINISH FLOOR LEVEL
AB	ABOVE BENCH
AV	AUDIO VISUAL
BB	BELOW BENCH
CL	CLEANERS OUTLET
CM	CEILING MOUNTED
CoN	CENTRE OF NETWORK
CR	COMMUNICATIONS RACK
D	DENOTES EXISTING TO BE DECOMMISSIONED
DB	DISTRIBUTION BOARD
E	DENOTES EXISTING TO REMAIN
EF	EXHAUST FAN
FCU	FAN COIL UNIT
R	DENOTES RELOCATED
S	SENSOR
OAF	OUTSIDE AIR FAN
RU	RACK UNIT
WAP	WIRELESS ACCESS POINT
WM	WALL MOUNTED
WP	WEATHERPROOF