

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, "xxA" DENOTES RATING
TYPE: CLIPSAL 56 SERIES OR APPROVED EQUAL
-  THREE PHASE ISOLATOR, "xxA" 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

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)

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