

COL JAMES - STUDENT ACCOMMODATION

83-123 EVELEIGH STREET, REDFERN 2016

ELECTRICAL SERVICES

LIGHTING

REFER TO ARCHITECT'S SCHEDULE OF FINISHES AND RCP PLANS FOR EXACT LOCATION AND FINISHES)

- ALL LUMINAIRES TO INCORPORATE LED MODULES WITH ELECTRONIC CONTROL GEAR, DIMMABLE WHERE NOTED.
- USE IN EXTERNAL AREAS, PLANTROOMS AND ACCOMMODATION KITCHENS 4000°K LAMPS. USE 3000°K LAMPS FOR ACCOMMODATION LIVING/BEDROOM AREAS.
- ALLOW FOR ALL NECESSARY BATTEN AND STRUCTURAL SUPPORTS TO FACILITATE LIGHT FITTING INSTALLATIONS, I.E. PENDANTS, ETC. WHERE NECESSARY.
- FINAL COLOUR FINISHES OF ALL LIGHTS TO BE APPROVED BY THE SUPERINTENDENT.
- ENSURE ANY THERMAL INSULATING MATERIAL DOES NOT PREVENT FREE FLOW AROUND OR THROUGH LUMINAIRES AND ASSOCIATED ANCHORAGE GEAR AND SHALL BE INSTALLED IN ACCORDANCE WITH AS 3000:2018 & THE MANUFACTURER'S RECOMMENDATIONS.
- ALL LUMINAIRES TO BE SUPPLIED WITH FLEX AND PLUG. CIRCUITS TO BE CONNECTED DIRECT TO PLUG BASES IN SHARED AREAS.
- "24HR" INDICATES LIGHTS "ON 24HRS"

LIGHTING CONTROL

- SWITCH AND SWITCH WIRE. USE IN ACCOMMODATION ROOMS AND PUBLIC CORRIDOR APARTMENTS HPM "SLIMLINE" TYPE RANGE OF OUTLETS OR HPM COMO (35mm WIDTH ROCKER SWITCH) FOR ADAPTABLE ACCOMMODATION ROOMS - "STUDIO D"
- W - IP66 CLIPAL SS SERIES RATED ISOLATOR
- 2 - 2 WAY SWITCH
- 3 - 3 WAY SWITCH
- D - DIMMER SWITCH SUITABLE FOR DIMMING LED DOWNLIGHTS NOMINATED
- FLUSH MOUNTED PASSIVE INFRARED CORRIDOR OR 360° RANGE MOTION SENSOR C/W ON BOARD CONTROLS ADJUSTABLE TIME DELAY (SET AT 15 MINS.) AND FIXING HARDWARE. FOR CORRIDORS USE. REFER TO SPECIFICATION "CLAUSE 13" - PRESENCE DETECTION FOR TYPE.
- PHOTOELECTRIC CELL FOR EXTERNAL LIGHT CONTROL. PROVIDE SUITABLE RATED CELL IN ACCORDANCE WITH THE NETWORK STANDARDS
- WALL MOUNT WEATHERPROOF PIR

EMERGENCY AND EXIT LIGHTING

- 3W LED PICTUREGRAM EMERGENCY MAINTAINED EXIT LEGEND SIGN C/W 2m FLEX AND PLUG ELECTRONICS/ECONOMY LED LITHIUM TYPE FOR PUBLIC CORRIDORS USE - LED RECESSED
- FOR PLANT AREAS USE - LED SURFACE OR CHAIN SUSPENDED
- FOR FOREVER USE - SUSPENDED ON ROD IF REQUIRED. FINISH ROD TO SUIT COLOUR OF SURROUNDING FINISHES.
- D - DOUBLE SIDED AS NOTED. W - WEATHERPROOF TYPE IP66 WEATHERPROOF SERIES
- S - ROCKER/CHAIN AS NOTED SUSPENDED TO 2.7m AFFL. CHAIN/WIRE SUSPEND IN PLANT AREAS.
- INDICATES ILLUMINATED SIGN FACE ON THIS SIDE ONLY.
- DIRECTIONAL PICTOGRAM SIGN - RIGHT FROM HERE
- DIRECTIONAL PICTOGRAM SIGN - LEFT FROM HERE
- 3W NON-MAINTAINED RECESSED DUAL LED EMERGENCY LUMINAIRE C/W REMOTE POWER PACK INCLUDING INVERTER, BATTERIES 2m
- SURFACE MOUNTED SPITFIRE
- SAME AS "TYPE 1" EXCEPT WITH EMERGENCY CONTROL GEAR
- SAME AS "TYPE 2" EXCEPT WITH EMERGENCY CONTROL GEAR
- SAME AS "TYPE 3" EXCEPT WITH EMERGENCY CONTROL GEAR
- 2x 3.5W EXTERNAL NON-MAINTAINED LED EMERGENCY FLOOD UNIT IN WEATHERPROOF ENCLOSURE PIERLITE GUARDIAN GRLED7FL MOUNT AT HIGH LEVEL AND ADJUST HEADS TO SUIT.

SINGLE LINE DIAGRAM

(REFER TO SINGLE LINE DIAGRAM FOR DETAILS)

- CIRCUIT BREAKER
- No. - TRIP RATING
- No STROKES - No PHASES
- WITH RESIDUAL CURRENT DEVICE 30mA SENSITIVITY TO AS3000:2018
- INDICATES 100AMP BASE SIZE
- INDICATES 63AMP SETTING
- ISOLATING SWITCH
- SURGE DIVERTER FOR MAIN SWITCHBOARD (JERICHO CRITEC TDD100). REFER TO SPECIFICATION FOR DETAILS
- SURGE DIVERTER FOR DISTRIBUTION BOARDS (JERICHO CRITEC TDD300). REFER TO SPECIFICATION FOR DETAILS
- SURGE FILTER
- FUSE TEE-OFF BOX
- FUSE SIZE
- 2 POSITION SELECTOR SWITCH
- AUTO/OFF (NO MANUAL OVERRIDE)
- OFF
- OPERATION THROUGH THERMOMOVEMENT SENSOR
- DIGITAL 7 DAY 24 HOUR DIGITAL PROGRAMMABLE TIME SWITCH C/W DAYLIGHT SAVINGS SETTINGS
- EXTERNALLY RATED PHOTOELECTRIC SWITCH. POSITIONED TO BEST SUIT OPERATION.
- CONTACTOR COIL
- TOP No. - CONTACTOR No.
- BOTTOM No. - No. OF POLES
- CONTACTOR CONTACTS
- PRIVATE POWER MEASUREMENT METER TO BCA SECTION J REQUIREMENTS
- MINI-CHAMBER SUBSTATION ENCLOSURE DESIGN BY ASP3. INSTALLATION BY ASP1. REFER TO SPECIFICATION FOR ALLOWANCES. ALLOW TO LIAISE WITH ASP10 FOR EXACT LOCATION OF SUBSTATION ON SITE AND SERVICE MAINS TERMINATIONS

LIGHTING PROTECTION

(REFER TO SPECIFICATION FOR REQUIREMENTS)

- COPPER TAPE/CABLE WEAVE
- 1000mm HIGH LIGHTNING PROTECTION FINAL
- DOWN CONDUCTOR APPROXIMATE LOCATION CABLE RUN DOWN COLUMN & NOT STRUCTURAL STEEL. PROVIDE TEST POINT & INSPECTION PIT AT LOCATION ALL AS REQUIRED BY AS1768
- INDICATES BONDING POINT
- ISOLATED DOWN CONDUCTOR

POWER

- SINGLE 10A SWITCHED SOCKET OUTLET
- A6 - 150mm ABOVE BENCH BASIN
- WP - WEATHER RESISTANT OUTLET IN OUTDOOR TERRACE AREAS.
- OT - INDUCTION COOKTOP
- F - FRIDGE-SPD MOUNTED ABOVE FRIDGE
- H/WU - HOT WATER UNIT
- DR - DRYER
- DW - DISHWASHER UNDER BENCH
- GB - GAS BAYONET
- RH - RANGE HOOD-SPD MOUNTED IN OVERHEAD CUPBOARD ABOVE RANGEHOOD
- CM - MOUNTED ON CEILING
- CL - FOR GENERAL CLEANING PURPOSES
- EF - EXHAUST FAN
- FCU - FAN COIL UNIT
- K - KEY OPERATED
- L - LOCKABLE
- MW - MICROWAVE
- BB - BELOW BENCH
- SC - SCREEN OUTLET
- WM - WASHING MACHINE
- WP - WEATHERPROOF
- HL - HIGH LEVEL 1500mm FROM FFL
- IR - IRON BOX

- DOUBLE 10A SWITCHED SOCKET OUTLET CODED AS ABOVE
- USB - DGPO WITH INTEGRATED USB OUTLET
- MULTI-PHASE PERMANENT CONNECTION VIA ISOLATOR ALLOW FOR FINAL CONNECTION TO EQUIPMENT FROM ISOLATOR RATING (AMPERES) NOTED
- OV - 1 PHASE 20A FOR OVEN
- EF - EXHAUST FAN
- 3 PHASE ISOLATOR

POWER SAVER RFID SWITCH (ONITY ONSWITCH RFID C)

BATHROOM POD JUNCTION BOX

ELECTRICAL DISTRIBUTION BOARD (DB)

ELECTRICAL MAIN SWITCHBOARD (MSB)

- CONTROL PANEL (BY OTHERS) TERMINATE SUBMANS AT BOTH ENDS. "MCP" - MECHANICAL CONTROL PANEL.

FUTURE POWER FACTOR CORRECTION CUBICLE (SPACE ONLY)

- METER PANEL CUBICLE. PROTECTION, WIRING & CONSTRUCTION TO COMPLY WITH SUPPLY AUTHORITY NETWORK STANDARDS

DBH-UG-LXX

- LIGHTING CIRCUIT
- UPPER GROUND LEVEL
- HOUSE DISTRIBUTION BOARD

SECURITY AND INTERCOM SYSTEM

- INNER RANGE INTEGRITI SECURITY ACCESS CONTROL AND ALARM PANEL.
- M - MAIN PANEL F - FIELD PANELs TO SUIT
- REED SWITCH RECESSED IN DOOR FRAME AND HEAD
- HD - HEAVY DUTY FOR ROLLER SHUTTERS
- GD - SUITABLE FOR MONITORING GLASS DOOR WITH ALUMINIUM FRAME SURROUND
- ELECTRIC DOOR MECHANISM. SIGNAL FROM SECURITY SYSTEM TO OPEN.
- ELECTRO MAGNETIC LOCK
- DOOR LOCK INCORPORATING ELECTRIC DOOR STRIKE 2HR FR AND PULL SAFE (HARD WIRED) & MONITORED TYPE
- PUSH TO EXIT DOOR BUTTON & BREAK GLASS RELEASE. ALLOW TO INTERFACE WITH DOOR CONTROL SYSTEM AS REQUIRED.
- PROXIMITY FOB READER OR TRANSMITTER READER TO OPERATE ELECTRIC STRIKE OR ROLLER SHUTTER/BOOMGATE (HARD WIRED). COMPATIBLE WITH ACCESS, ROLLER SHUTTER & BOOM GATE SYSTEMS. (ONITY ADVANCE TRILLIUM RFID WALL READER)
- SECURITY KEY PAD
- ONITY RFID CARD READER & ELECTRONIC LOCK FOR ACCOMMODATION ROOMS (ONITY HT TRILLIUM RFID)

- SURFACE MOUNTED DIGITAL COLOUR FIXED CAMERA IN DOME. REFER TO SPECIFICATION FOR FURTHER DETAILS.

- EXTERNAL IP66 WALL MOUNTED FULL BODY DIGITAL COLOUR FIXED CAMERA ENCLOSED IN WEATHERPROOF HOUSING C/W MOUNTING ACCESSORIES

- COLOUR DOOR AUDIO INTERCOM STATION WEATHERPROOF STAINLESS STEEL TYPE. SIMILAR TO URMET. RECESSED IN ENTRY WALL.

- EXTERNAL SECURITY SIREN AND VISUAL STROBE ON BUILDING FACADE. FINAL LOCATION TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION AND AFTER SAMPLE APPROVAL.

INTERNAL SECURITY BUZZER & INDICATOR

- CCTV RACK - HOUSING DIGITAL NETWORK VIDEO RECORDING, RACK MOUNT PC, BATTERY BACKUP, MONITORING AND CONTROLS
- CCTV 24" MONITOR

COMMUNICATIONS

USE IN ACCOMMODATION ROOMS & PUBLIC CORRIDORS HPM EXCEL

LIFE RANGE OF OUTLETS OR EQUAL

- SINGLE RJ45 CAT 6 UTP TELECOMMUNICATIONS OUTLET C/W DUST COVERS
- W - WALL MOUNTED @ 1500mm AFFL FOR TELEPHONE HANDSET F - FIRE RATED TO AS3013
- DOUBLE RJ45 CAT 6 UTP TELECOMMUNICATIONS OUTLET C/W DUST COVERS
- WIFI DOUBLE RJ45 OUTLET CAT 6 UTP CABLE CONNECTED DIRECT TO IN CEILING JACK. ACCESS POINT ON CEILING TO DIRECTLY CONNECT INTO JACK POWER OVER ETHERNET

- NTDPSUFWO FOR NBN Co. OPTICAL NETWORK TERMINAL (ONT) OR (INT) NETWORK TERMINATION DEVICE - (P/SU) POWER SUPPLY UNIT & (BPSU) BATTERY BACKUP POWER SUPPLY UNIT (OPTIONAL) - FIBRE WALL OUTLET (FWO). REFER TO SCHEMATIC DETAILS AND NBN GUIDELINES FOR SPECIFICS. ALLOW FOR ADDITIONAL DISTRIBUTION EQUIPMENT & PATCH PANELS, ETC TO PROVIDE FOR A FULLY TESTED HORIZONTAL CABLING SYSTEM. LOCATION OF UNITS TBA AND FINAL POSITIONING TO BE CONFIRMED BY SUPERINTENDENT.

- (FWO) FIBRE WALL OUTLET OR (OWP) OPTICAL WALL PLATE. ALLOW FOR DOUBLE POWER OUTLET AND LABELLED BLANK PLATE (FWO). PROVIDE IN ENCLOSURE TO SUIT & APPROVED BY NBN.

MAN DISTRIBUTION RACK

FIBRE DISTRIBUTION TERMINAL ENCLOSURE

OPTICAL NETWORK TERMINATION ENCLOSURE

"COM" - INDICATES "COMMON ONT"

FIRE (OTHERS)

- LOCATE DETECTION AWAY FROM HIGH AIR MOVEMENTS TO AS1670.

- MAIN FIRE INDICATOR PANEL CONTAINS THE MAIN FIRE DETECTION CONTROL & INDICATING EQUIPMENT (MFDIC)
- FIRE FAN CONTROL PANEL (PART OF FDCIE)

- SOUND SYSTEM AND INTERCOM SYSTEM FOR EMERGENCY PURPOSES. CONTAINS THE EMERGENCY INTERCOM CONTROL & INDICATING EQUIPMENT (EICIE) AND THE EMERGENCY WARNING CONTROL AND INDICATING EQUIPMENT (EWDIC).

FIRE MIMIC PANEL

- COMBINED PHOTOELECTRIC SMOKE ALARM AND AUDIBLE ALARM TO AS3786. MAINS POWERED AND BATTERY BACK-UP FED FROM ACCOMMODATION ROOM DB. PHOTOELECTRIC SMOKE ALARM 240V WITH 12V DC RECHARGEABLE LONG LIFE LITHIUM BATTERY BACK-UP. INTERCONNECTED SMOKE ALARMS WHERE MORE THAN ONE. LOCATE FINAL DETECTOR POSITION TO AVOID NUISANCE ALARMS & TO COMPLY WITH MANUFACTURERS RECOMMENDATIONS. DETECTORS TO BE INTERCONNECTED WITHIN ACCOMMODATION ROOMS.

- ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR. CO INDICATES CARBON MONOXIDE DETECTOR

ADDRESSABLE THERMAL DETECTOR

- WEATHERPROOF EMERGENCY WARNING HORN SPEAKER
- H - HAZARDOUS CLASS 1 ZONE 2

- FLUSH MOUNT EMERGENCY WARNING RECESSED WHITE GRILLE CEILING SPEAKERS LOW PROFILE 55mm DEEP
- S - SURFACE MOUNTED

MANUAL CALL POINT (BREAK GLASS ALARM)

WARDEN INTERCOM POINT (WIP)

- ELECTRO MAGNETIC DOOR HOLD OPEN DEVICE WITH NON-LATCHING MANUAL RELEASE SWITCH VISIBLE & ACCESSIBLE WITH THE DOORS IN THE OPEN POSITION. THE RELEASE SHALL BE LABELLED "DOOR RELEASE" UNLESS INTEGRAL WITH HOLD OPEN DEVICE. LETTERING SHALL BE 5mm IN HEIGHT IN A CONTRASTING COLOUR. 1x SWITCH SHALL RELEASE 2 DOOR PANELS. INSTALL IN ACCORDANCE WITH AS1670. WALL MOUNTING TYPE TO BE CO-ORDINATED WITH ARCHITECTS SCHEDULE OF FINISHES.

- DUCT MOUNTED SMOKE DETECTOR NON LATCHING. REFER TO MECHANICAL LAYOUTS FOR EXACT LOCATION.

FIXED TEMPERATURE SPECIAL PURPOSE TYPE HEAT DETECTOR

- CONCEALED SPACE DETECTOR WITH REMOTE LED ON CEILING AND TELESCOPIC DETECTOR HOLDER. FAMCO FSP SERIES

- LOW PROFILE RED AND AMBER VISUAL INDICATORS RECESSED WHERE SHOWN IN INTERNAL CORRIDORS

FIRE ALARM ADDRESSABLE RELAY MODULE

- FLOW SWITCH. LIAISE WITH HYDRAULIC/SPRINKLER CONTRACTOR FOR EXACT LOCATION (WIRE AND CONNECT TO ADDRESSABLE RELAY MODULE)

- MONITORED VALVE. LIAISE WITH HYDRAULIC/SPRINKLER CONTRACTOR FOR EXACT LOCATION (WIRE AND CONNECT TO ADDRESSABLE RELAY MODULE)

- RED FLASHING VISUAL INDICATOR WITH LABELLING TO AS1670

- PUSHBUTTON TO ACTIVATE AUDIO/VISUAL ALARM C/W SIGNAGE DESCRIBING OPERATION TO BCA COMPLIANCE
- FIRE TRIP SIGNAL

MISCELLANEOUS

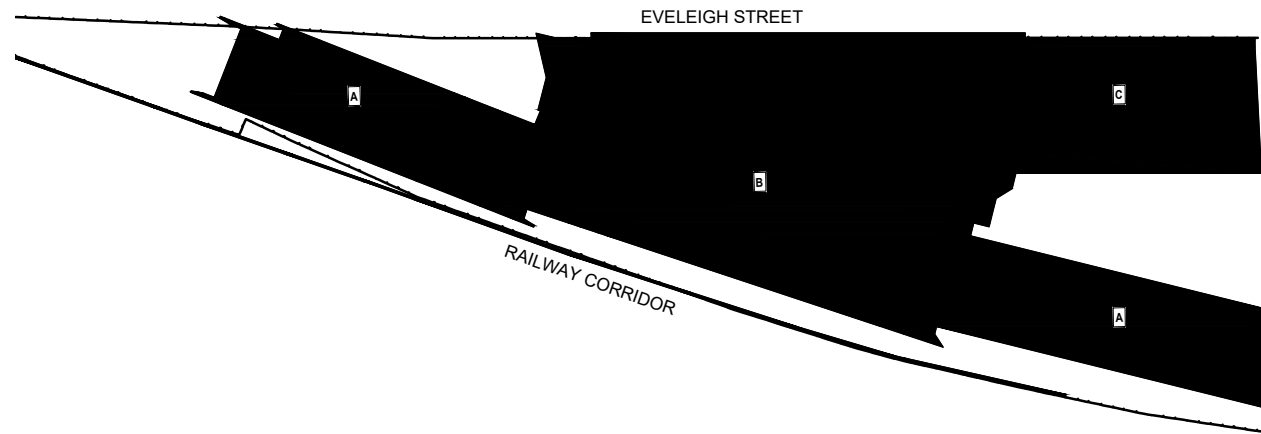
- ELECTRICAL CABLE TRAY ROUTE. INDICATIVE ONLY DESCRIPTION AND SIZES AS SHOWN ON PLAN (INDICATIVE ONLY)

- COMMUNICATIONS CABLE TRAY ROUTE. (INDICATIVE ONLY) DESCRIPTION AND SIZES AS SHOWN ON PLAN

- ELECTRICAL CONDUITS (INDICATIVE ONLY) REFER SITE PLAN FOR DETAILS

- COMMUNICATIONS CONDUITS (INDICATIVE ONLY) REFER SITE PLAN FOR DETAILS

- ELECTRICAL PIT. STRENGTH CLASSIFICATION TO AS3996
- COMMUNICATIONS PIT. STRENGTH CLASSIFICATION TO AS3996



KEY PLAN

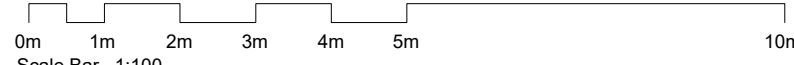
NOTES

- ALL OUTLETS SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE DIRECTED ON SITE. OUTLETS SHALL BE MOUNTED 300 ABOVE FINISHED FLOOR LEVEL (AFFL) OR 100 ABOVE BENCH TOPS UNLESS NOTED OTHERWISE OR AS DIRECTED ON SITE. ALL SWITCH FLUSH-PLATES SHALL BE MOUNTED AT 1000 AFFL + 100 OR IN LINE WITH DOOR HANDLES. REFER ALSO TO TYPICAL LAYOUT NOTES FOR FURTHER MOUNTING DETAILS PARTICULARLY FOR ADAPTABLE ACCOMMODATION ROOMS-STUDIO D.
- LOCATIONS SHOWN ON THESE DRAWING ARE APPROXIMATE ONLY. FINAL LOCATION OF ALL EQUIPMENT, SWITCHBOARDS, CONTROL PANELS, POWER OUTLETS, SWITCH PANELS, LUMINAIRES, ETC. SHALL BE COORDINATED ON SITE. ALL POSITIONS AND MOUNTING HEIGHTS WHERE NOMINATED ON THE ELECTRICAL SERVICES DRAWINGS ARE APPROXIMATE ONLY AND MUST BE CONFIRMED ON SITE BEFORE INSTALLATION. UNDER NO CIRCUMSTANCES SHALL EXACT POSITIONS BE SCALED FROM THESE DRAWINGS. REFER TO ARCHITECTS DETAILED LAYOUTS FOR ANY ADDITIONAL INFORMATION. IT SHALL BE THE ELECTRICAL TRADES RESPONSIBILITY TO COORDINATE THE ELECTRICAL SERVICES INSTALLATION WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND HYDRAULIC DOCUMENTATION DURING CONSTRUCTION PHASE.
- CONNECT ALL EMERGENCY AND EXIT LIGHT FITTINGS TO UNSWITCHED ACTIVE OFF ADJACENT NORMAL LIGHTING CIRCUIT. SEE SINGLE LINE DIAGRAMS. EXIT LIGHTS SHALL BE VISIBLE & INSTALLED FREE FROM OPENING DOORS & OTHER TRADE SERVICES OBSTRUCTIONS. SUSPEND FROM CEILING/SPRINT ON EXTENSION CONDUITS IF REQUIRED.
- DISTRIBUTION BOARDS OR CONTROL PANELS SHOWN BY OTHERS ARE TO HAVE SUBMANS RUN TO THEIR FINAL LOCATION. EXACT LOCATION OF PANEL TO BE DETERMINED ON SITE. ALLOW FOR EXTRA 5M LENGTH CABLES FOR FINAL POSITIONS. TERMINATE SUBMANS AT BOTH ENDS AND ADVISE THE RESPECTIVE CONTRACTORS OF THE PROPOSED SUBMAN SIZE SO THAT ADEQUATE PROVISIONS CAN BE MADE IN CONTROL PANELS TO ENABLE TERMINATION. LIAISE WITH PANEL SUPPLIERS FOR CABLE TERMINATION DETAILS.
- ALLOW FOR THE SUPPLY AND INSTALLATION OF ALL CONDUIT TRUNKING, TRAYWORK/NECESSARY AND COORDINATE WORKS WITH OTHERS.
- COLOUR OF ALL POWER, TELEPHONE, TV, SWITCHES, CONDUITS, CABLE TRAYS, AND ANY OTHER ELECTRICAL ITEMS SHALL MATCH THE ARCHITECTS SCHEDULE OF FINISHES.
- DRAWINGS INDICATE THE PREFERRED ROUTE FOR SUBMANS AND CONSUMERS MAINS. MODIFICATIONS ARE PERMITTED, JUSTIFIED BY SITE CONDITIONS.
- WHERE SWITCHES, OUTLETS, ETC. ARE RECESSED IN FIRE RATED WALLS MAINTAIN INTEGRITY OF FIRE RATING AND ACOUSTIC SHIELDING / BOXING IN BY FIRE RATED MOUNTING BOXES.
- ALL WIRING IN CABLE TRUNKING/TRAY/HEAVY DUTY CONDUIT SHALL BE CONCEALED IN CEILING SPACES OR IF APPROVED TO BE RUN EXPOSED, SHALL BE RUN IN A COMPLETELY ACCESSIBLE MANNER. GENERALLY IN ALL PUBLIC AREAS CABLEING SHALL RUN ON TRAY FIXED TO US SLAB OR IN CEILING SPACE OR CONDUIT SET IN SLAB OR PARTITION WALLS. NO WIRING SHALL BE EXPOSED TO VIEW ONLY IN AUTHORISED AREAS SUCH AS PLANTROOMS, SWITCHROOMS, ELEC/COMMS CUPBOARDS, OR RISER LOCATIONS EXPOSED CONDUIT CAN BE RUN BUT WITH THE APPROVAL OF THE SUPERINTENDENT.
- INDEPENDENTLY SUPPORT THE ELECTRICAL SERVICES. IT IS NOT PERMISSIBLE TO SUPPORT FROM OTHER SERVICES NOR UTILISE SUSPENDED CEILINGS TO SUPPORT THE ELECTRICAL SERVICES.
- THE ELECTRICAL ACCESSORIES SHALL BE SQUARELY ALIGNED WITH THE SURROUNDING WALLS, BUILDING FABRIC, TILES, ETC.
- THE EXACT SIZE, TYPE, LOCATION AND ROUTING OF ALL CABLE TRAYS, TRUNKING, CONDUITS, ETC. SHALL BE DETERMINED AND INDICATED ON SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.
- PROVIDE SUITABLE SEGREGATION BETWEEN POWER AND COMMUNICATIONS CABLEING AT ALL TIMES AND COMPLY WITH ACMA AND EMC REQUIREMENTS.
- ALLOW FOR THE FOLLOWING ELECTRICAL REQUIREMENTS FOR REMOTE GEAR METER READING SERVICES.
 - 1 x DEDICATED COMMUNICATIONS LINE
 - 1 x DEDICATED KEY OPERATED SOCKET OUTLET FOR MASTER MTL.
 - 1 x DEDICATED COMMUNICATION LINE TO EACH HOT WATER METER. WIRING FOR MTL PANEL BY ELECTRICAL SERVICES. REFER TO ELECTRICAL SERVICES SPECIFICATION & LIAISE WITH HYDRAULIC TRADE ACCORDINGLY.
 - 1 x DEDICATED COMMUNICATION LINE TO EACH GAS METER ENCLOSURE IN CORRIDORS. WIRING FOR MTL PANEL BY ELECTRICAL SERVICES. REFER TO ELECTRICAL SERVICES SPECIFICATION & LIAISE WITH HYDRAULIC TRADE ACCORDINGLY.
- ALL WORK IS TO COMPLY WITH LOCAL GOVERNING AUTHORITY REQUIREMENTS, RELEVANT AUSTRALIAN STANDARDS AND THE BUILDING CODE OF AUSTRALIA.
- THE CONTRACTOR SHALL SURVEY THE EXISTING LOCATION AND PERFORM A DIAL BEFORE YOU DIG PRIOR TO ANY EXCAVATION. SURVEY EXISTING UG SERVICES AND AVOIDANCE OF DAMAGE TO THEM IS THE CONTRACTORS RESPONSIBILITY. COORDINATE WITH OTHER SERVICES AS REQUIRED.
- ALL ELECTRICAL SUPPLY INSTALLATION SHALL BE IN ACCORDANCE WITH LATEST SERVICE AND INSTALLATION RULES OF NEW SOUTH WALES.
- ADAPTABLE ACCOMMODATION ROOM "STUDIO D" REQUIREMENTS IN SUMMARY: REFER TO ARCHITECTS DETAILS & PLANS FOR IDENTIFICATION OF ADAPTABLE ACCOMMODATION ROOMS.
 - PROVIDE FOR 50 LUX AVERAGE AT GROUND LEVEL MINIMUM FOR LIGHTING COVERING ACCESSIBLE PATHWAY TO ENTRANCE CARPARKING AND ON MAIN PEDESTRIAN ACCESS DROP OFF ZONE.
- IN EACH ADAPTABLE ACCOMMODATION ROOM "STUDIO D" AT LEAST ONE POWER SOCKET OUTLET SHALL BE LOCATED WITH A HORIZONTAL ACCESSIBLE REACH OVER A WORK SURFACE KITCHEN BENCH AT A MAXIMUM 300MM FROM THE FRONT OF THE WORK SURFACE.
- THE POWER SOCKET OUTLET FOR THE REFRIGERATOR SHALL BE EASILY REACHABLE WHEN THE REFRIGERATOR IS IN ITS OPERATING POSITION.
- LIGHT SWITCHES SHALL BE CENTRED AT A HEIGHT NOT LESS THAN 900MM NOR MORE THAN 1100MM ABOVE THE FINISHED FLOOR & IN LINE WITH THE DOOR HANDLES. SWITCHES SHALL BE LOCATED ADJACENT TO DOOR HANDLES WHERE PRACTICAL. PROVIDE FOR TWO-WAY SWITCHING AS SHOWN. REFER TO ARCHITECTS FINAL DETAILS FOR EXACT MOUNTING HEIGHTS & POSITIONS.
- NOTE: ROCKER ACTION, TOGGLE OR PUSH PAD SWITCHES WITH A RECOMMENDED WIDTH OF 38MM ARE SPECIFIED.
- POWER OUTLETS EXCEPT AS ELSEWHERE DESCRIBED, GPO'S SHALL BE LOCATED NOT LESS THAN 500MM HORIZONTALLY FROM INTERNAL CORNERS.
- PROVIDE LAMINATED FULL SIZE AS-INSTALLED DRAWINGS OF THE SITE LAYOUT & SLD DRAWINGS MOUNTED WITHIN THE MAIN SWITCHROOM.
- PROVIDE WORKING SAMPLES OF EACH LIGHT FITTING, LIGHT SWITCH, & OUTLET TYPE FOR APPROVAL PRIOR TO ORDER. FINAL SELECTION SHALL BE TO THE ARCHITECT'S APPROVAL. PROVIDE A WRITTEN SCHEDULE NOMINATING EACH SAMPLE TO BE SUBMITTED WITH EACH SAMPLE. TAGGED ACCORDINGLY. ALLOW TWO WEEKS REVIEW & APPROVAL OF SAMPLES.
- TIME SWITCH CONTROLLED LIGHTING SHALL BE OPERATED BY A PROGRAMMABLE DIGITAL TIME SWITCH IN ACCORDANCE WITH THE NATIONAL CONSTRUCTION CODE (BCA).
- CHAIN SUSPEND LIGHT FITTINGS IN PLANT ROOMS WHERE CLASHES OCCUR WITH DUCTWORK, STRUCTURAL BEAMS OR OTHER TRADE SERVICES.
- ALL CONTAINMENT & SPACE FOR NBN WILL COMPLY WITH NBN GUIDELINES.

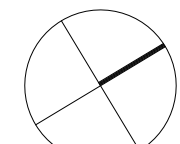


Working Drawings

Rev	Description	Date
0	PRELIMINARY ISSUE	07.06.19
1	PRELIMINARY ISSUE	20.06.19
2	PRELIMINARY ISSUE	09.07.19
3	PRELIMINARY ISSUE	12.07.19
4	PRELIMINARY ISSUE	02.08.19
5	PRELIMINARY ISSUE (BASE BUILT DRAWING)	09.08.19
6	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	15.08.19
7	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	20.08.19
8	BASE BUILT UPDATE	06.09.19
9	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	09.09.19
10	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	18.09.19
11	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	14.10.19
12	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	21.10.19



COL JAMES STUDENT ACCOMMODATION 83-123 EVELEIGH ST., REDFERN, NSW, 2016



PROJECT INFORMATION & LEGEND

JOB No.	DEI0210
DATE	June 2019
SCALE	A0 @ 1 : 100
DWG No.	E_000 12

NOTES:

1. SEE APPROVED RCP FOR LIGHTING & POWER REQUIREMENTS IN THIS AREA.
2. BATHROOM POD TO BE PROVIDED FULLY FITTED WITH LIGHT FITTINGS, POWER OUTLET, EXHAUST FAN. CONTRACTOR SHALL ALLOW TO CONNECT BATHROOM POD LIGHTING & POWER JUNCTION TERMINAL BOXES.
3. FIRE SERVICES EQUIPMENT EXACT PANEL SUPPLY LOCATION TO BE COORDINATED ON SITE. FINAL LOCATION NOT PROVIDED AT THIS STAGE 04.07.19.
4. ALLOW 2 x 32mm CONDUIT FOR OVEN & COOKTOP SUPPLY.
5. RUN CONDUIT FOR ISLAND BENCH POWER SUPPLY.
6. SEE JOINERY DETAIL FOR DESK OUTLETS AND TABLE LAMP ALLOCATIONS.

Sigh - "Security Monitored Area".

Gate Between Building & Railway Wall to be locked at all times (No Access to Public.
- Sign to be mounted on Gate
"No Access to Public - area under surveillance".

Sigh - "No Access to Public - area under surveillance".

Working Drawings

Rev	Description	Date
1	PRELIMINARY ISSUE	07.08.19
2	PRELIMINARY ISSUE	24.09.19
3	PRELIMINARY ISSUE	05.10.19
4	PRELIMINARY ISSUE	12.02.19
5	PRELIMINARY ISSUE	02.08.19
6	PRELIMINARY ISSUE (BASE BUILT DRAWING)	12.08.19
7	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	15.08.19
8	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	20.09.19
9	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	26.09.19
10	BASE BUILD UPDATE	06.10.19
11	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	09.10.19
12	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	14.10.19
13	CONSTRUCTION ISSUE (CLIENT DRAWING UPDATE)	21.10.19

0m 1m 2m 3m 4m 5m 10m
Scale Bar 1:100

COL JAMES STUDENT ACCOMMODATION 83-123 EVELEIGH ST. REDFERN, NSW, 2016

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JOB No. DE00210

DATE May 2019

SCALE A0 @ 1:100

DWG No. E_201

13

UPPER GROUND LEVEL, LOBBY &
CORRIDORS
POWER, COMM'S & SECURITY LAYOUT