EDGE OF NETWORK: SCI/TECH (ST) EXISTING FOBOT — NEW CAT 6a CABLE **EXISTING** PATCH PANELS —— EXISTING COMMS CABLE **EXISTING ACTIVE EQUIPMENT** EXISTING DATA OUTLETS - INDICATIVE **NEW DATA OUTLETS** —▼n AS REQUIRED COMMUNICATIONS RACK EXISTING OUTGOING FIBRE CABLE TO REMAIN

CLIENT STANDARD REQUIREMENTS, MANUFACTURERS REQUIREMENTS AND THE EDUCATION QUEENSLAND DESIGN STANDARD REQUIREMENTS. REFER TO JPC STANDARDS - NETWORK INFRASTRUCTURE PROCEDURES.

ALL COMMUNICATIONS WORKS SHALL COMPLY WITH RELEVANT AUSTRALIAN STANDARDS,

- COPPER DATA CABLING SHALL BE CAT 6a CLASS E COPPER HORIZONTAL CABLING (CAT 6a

2x4 PR UTP) ALL LABELING SHALL BE AS PER DNIPS REQUIREMENTS

AS REQUIRED BY DNIPS

MAIN CABLE RETICULATION RUNS SHALL BE VIA CABLE TRAYS. SECONDARY RUNS SHALL BE RUN ON CATENARY SYSTEMS. CONTRACTOR SHALL COORDINATE ALL RETICULATION AS REQUIRED. ALL CABLE TRAYS SHALL HAVE A MINIMUM OF 25% SPARE CAPACITY AT COMPLETION. CONTRACTOR SHALL CONFIRM ALL CABLE TRAY SIZES PRIOR TO INSTALLATION

- ALL CABLING SHALL BE NEATLY SECURED VIA VELCRO STRIPS. NO PLASTIC CABLE TILES SHALL BE ACCEPTED

PROVIDE PATCHING CABLES IN AN ARRAY LENGTHS / COLOURS. COORDINATE AS REQUIRED WITH CLIENT IT

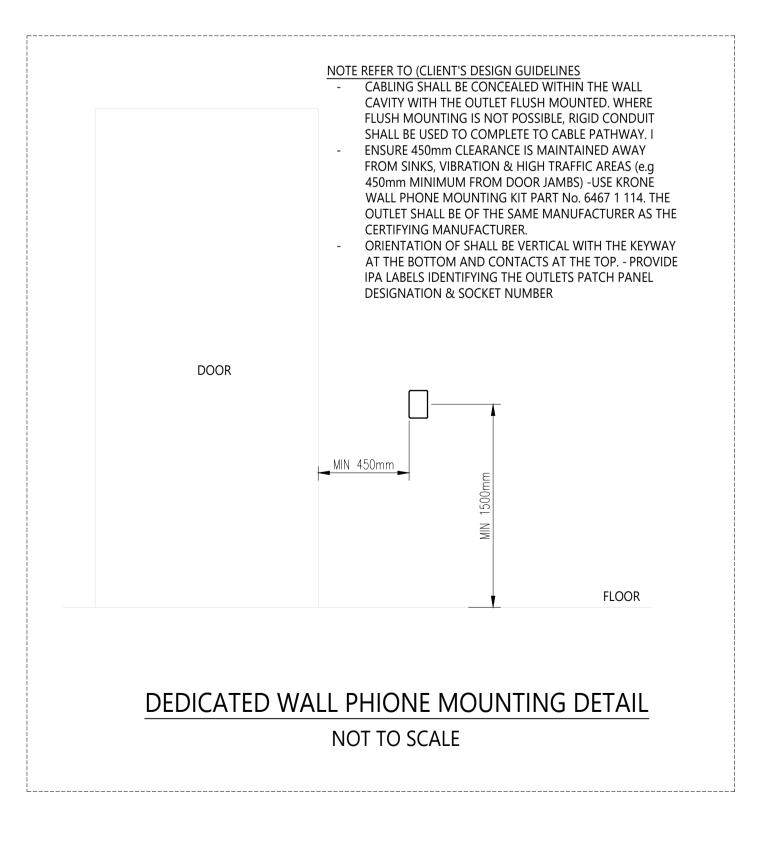
COORDINATE ALL LABELING WITH CLIENT IT PRIOR TO WORKS CONTRACTOR SHALL SUPPLY AND INSTALL CABLE MANAGEMENT SYSTEMS WITHIN RACK

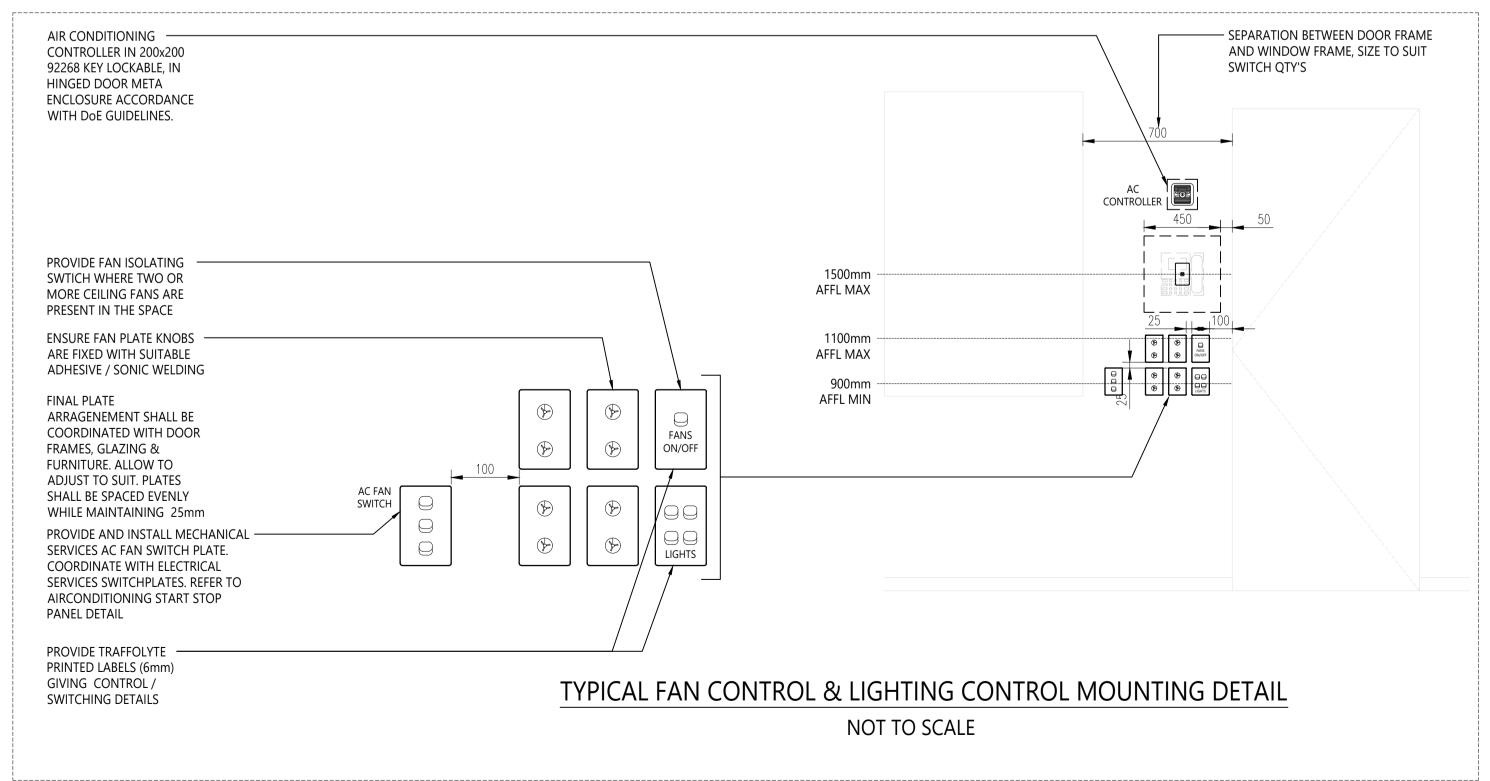
PROVIDE ALL REQUIRED CABLING, FOBOTS, PATCH PANELS, PATCH LEADS, POWER RAILS, CABLE MANAGEMENT, ETC. FOR A FULLY FUNCTIONING SYSTEM. ACTIVE EQUIPMENT E.G. SERVERS, SWITCHES, ETC. ARE TO BE PROVIDED BY DOE

IN AT EACH RACK

PROVIDE TERMINATION / TRANSITION FRAMES FOR ALL EXTERNAL CABLES TO TERMINATE

INDICATIVE EXISTING COMMUNICATIONS SYSTEM SCHEMATIC NOT TO SCALE





ELECTRICAL DESIGN GROUP BRISBANE

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ELECTRICAL WIRED TO DELIVER

E: info@aswelectrical.com.au M: 0450 440 569

www.aswelectrical.com.au

ELECTRICAL DESIGN GROUP CONSULTANTS ELECTRICAL BUILDING SERVICES

BRISBANE GOLD COAST P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au

JOHN PAUL COLLEGE SCIENCE CLASSES

125 JOHN PAUL DRIVE, DAISY HILL, QUEENSLAND

ELECTRICAL SERVICES SCHEMATICS & DETAILS SHEET 1

A INFORMATION

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