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any other

Original St. Title

Drawing No: 212610891-EP-DA-AR-0001 PROPOSED DEMOUBTABLE BUILDINGS

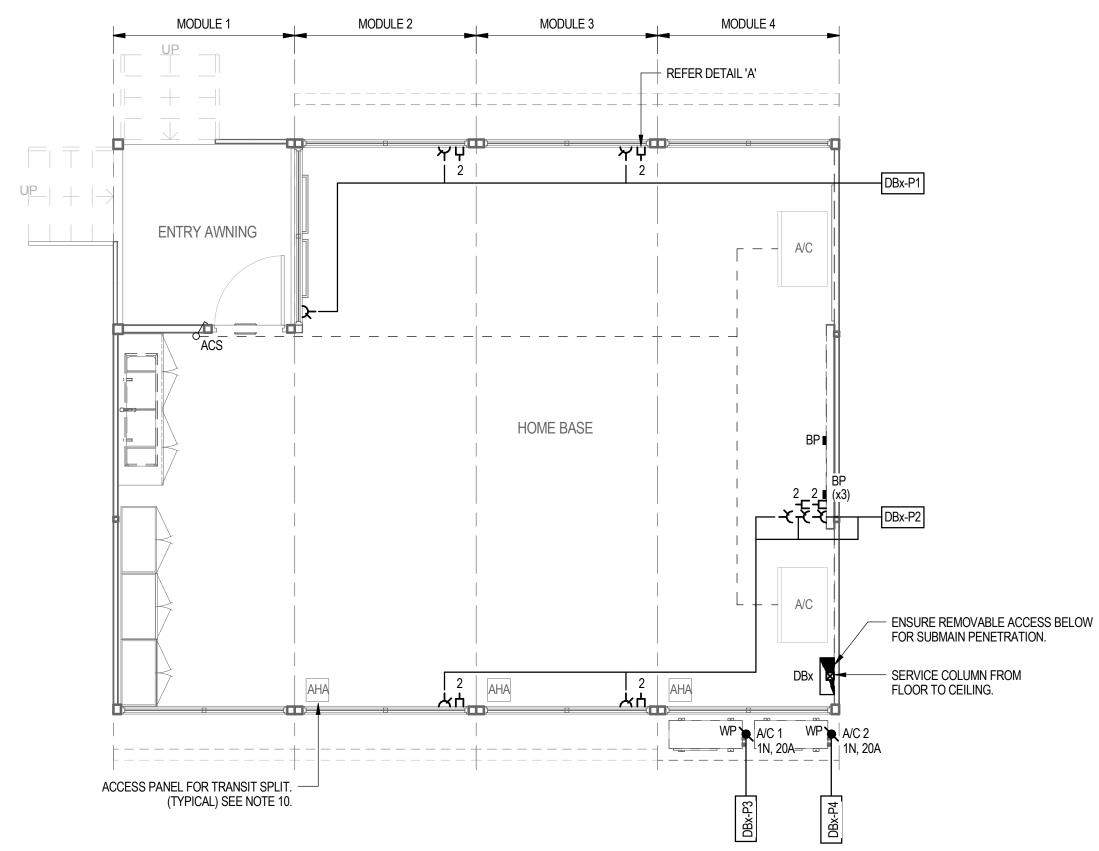
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Rev:

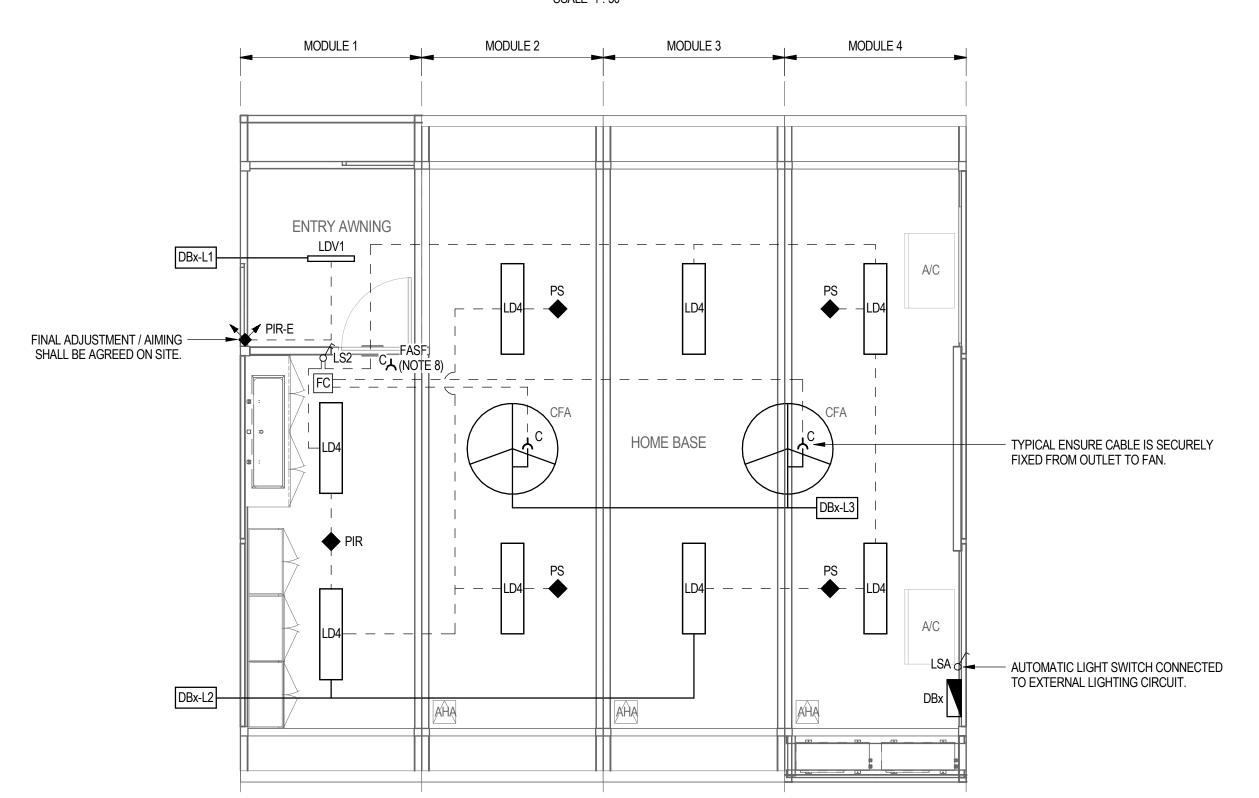
A ISSUED FOR DEVELOPMENT APPLICATION

No Revision Note: * indicates signatures on original issue o

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POWER AND COMMUNICATION LAYOUT



DISTRIBUTION BOARD (24 POLE) @1400mm AFL

SERVICES DUCT

LEGEND:

10A TWIN SWITCHED SOCKET OUTLET MOUNTED @600mm AFL UNO.

10A SINGLE SWITCHED SOCKET OUTLET CEILING MOUNTED FOR THE FASF & FED FROM THE A/C

PERMANENT CONNECTION WITH ISOLATOR SWITCH (IP56), MOUNT TO SUIT EQUIPMENT NOTED. DENOTES 'EQUIPMENT ABBREVIATION'

DENOTES 'RATING' A/C DENOTES 'AIR CONDITIONING'

DUAL DATA OUTLET LOCATE TO MATCH ADJACENT SSO.

BLANK PLATE FOR FUTURE EXPANSION.

19W LED IP65 SURFACE MOUNTED LUMINAIRE WITH VANDAL RESISTANT DIFFUSER (IK10). (PHILIPS VANDALITE WATERPROOF, BCW098 LED20/NW PSU L600 OR APPROVED EQUIVALENT)

42W LED PANEL WITH SURFACE FRAME & NON-DIMMABLE ELECTRONIC DRIVER (WHITE). LD4 (PIERLITE SLENDER LED FRAMED, SL/12-3/4K + SLSURFRAME/12-3 OR APPROVED EQUIVALENT)

LSA EXTERNAL LIGHTING TEST SWITCH: 1-GANG

LS2 d 10A LIGHT SWITCH: 2-GANG

TIMER SWITCH FOR AIR CONDITIONING ACS of

FAN CONTROL PANEL

1200 mm 3 BLADE ALUMINUM CEILING FAN (WHITE) (CLIPSAL 3HS1200AL OR APPROVED EQUIVALENT)

360° RECESSED FLUSH MOUNT PIR PRESENCE SENSOR TO LIGHTING CIRCUIT. (PIERLITE SMART SCAN SENSOR OR APPROVED EQUIVALENT)

360° RECESSED PASSIVE INFRARED MOTION SENSOR TO LIGHTING CIRCUIT. (CLIPSAL INFRASCAN 753R OR APPROVED EQUIVALENT)

JUNCTION BOXES ARE LOCATED THE AHA LOCATIONS.

110° IP66 SURFACE MOUNT PASSIVE INFRARED MOTION SENSOR TO PE-CELL EXTERIOR PIR-E LIGHTING TO CIRCUIT. (CLIPSAL IP66 INFRASCAN 3-WIRE OR APPROVED EQUIVALENT)

SWITCH WIRE

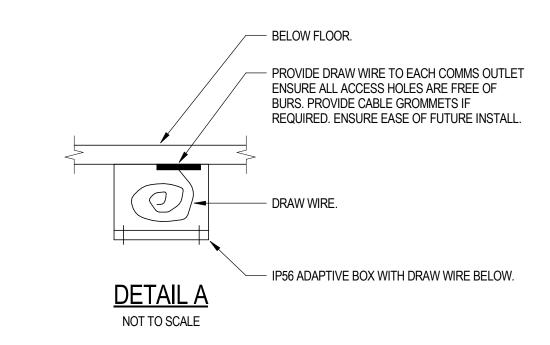
CFA /

|DBx-Lxx| |DBx-Pxx| CIRCUIT DESIGNATION

CEILING ACCESS HATCH FOR MODULE CONNECTION. AHA 🔼

NOTES

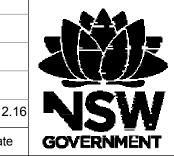
- 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION DRAWING.
- 2. ALL EQUIPMENT SHALL BE INSTALLED TO THEIR MANUFACTURERS LITERATURE AND THEIR RECOMMENDATIONS SHALL BE ADHERED TO.
- 3. ALL EQUIPMENT IS NEW.
- 4. REFER TO THE ARCHITECT'S DRAWINGS FOR THE SET OUT AND MOUNTING HEIGHTS OF ALL ACCESSORIES AND EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE LOCATIONS COMPLY WITH AS/NZS3000.
- 5. REFER TO DETAIL A FOR COMMUNICATION PROVISIONS. ENSURE THE ARRANGEMENT FACILITATES EASE OF INSTALL AT A LATER DATE - WHERE THIS CANNOT BE ACHIEVED PROVIDE A CONDUIT (RE-WIREABLE SOLUTION.)
- 6. PROVIDE CIRCUIT LABELING AND ID LABELING ON ALL OUTLETS (USE UV RESISTANT TRAFFOLITE LABELING FOR EXTERNAL ISOLATORS.)
- 7. ENSURE WHERE CABLE SUPPORT OR ACCESS PROVISIONS ARE PROVIDED FOR COMMUNICATION SERVICES ENSURE THE PROVISIONS ACHIEVE SEPARATION REQUIREMENTS IDENTIFIED IN AS/NZS3000 AND AS/CA S009.
- 8. FASF POWER SUPPLY TO BE FED FROM AC CONTROL CIRCUIT BY MECHANICAL CONTRACTOR.
- 9. BY OTHERS DENOTES CABLE SUPPORT, BOX / BLANK PLATE AND DRAW WIRE TO BE PROVIDED BY CONTRACTOR ONLY. CONNECTING EQUIPMENT AND CABLING BY OTHERS.
- 10. ANY CABLE JUNCTIONS / JOINTS IN POWER CABLE SHALL BE FIXED TO THE STRUCTURE IN AN ADAPTABLE BOX. CABLES FIXED IN INSULATED DIN RAIL TERMINALS. THE CIRCUITS SHALL BE IDENTIFIED ON THE ADAPTABLE BOX WITH A TRAFFOLITE LABEL. THE LOCATIONS SHALL BE ACCESSIBLE AND SHALL BE INDICATED ON 'AS INSTALLED' DRAWINGS WHERE MULTIPLE CIRCUITS ARE WITHIN THE ADAPTABLE BOX. PROVIDE SEPARATION BARRIERS AND A WARNING NOTICE ON THE ADAPTABLE BOX INDICATING 'MULTIPLE SUPPLIES WITHIN THIS ENCLOSURE - ISOLATE ALL SUPPLIES BEFORE WORKING ON THIS ENCLOSURE'.
- 11. THE ELECTRICAL INSTALLATION SHALL BE IN FULL COMPLIANCE WITH AS/NZS3000.



LIGHTING LAYOUT

0 500 1000 1500 2000 2500mm

ISSUED FOR CONSTRUCTION No Revision Note: * indicates signatures on original issue of drawing or last revision of drawing Drawn | Drawn Manager Director |



NSW Department of Education Demountable Coordination Unit Asset Management Directorate 02 4924 9956 | **T** 61 2 4979 9999

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Drawn A.COOMBER Designer A.COOMBER DO NOT SCALE Drafting M. LEWIS* Design D.MOORE* J.LEVER* Approved (Project Director)

Scale

As indicated

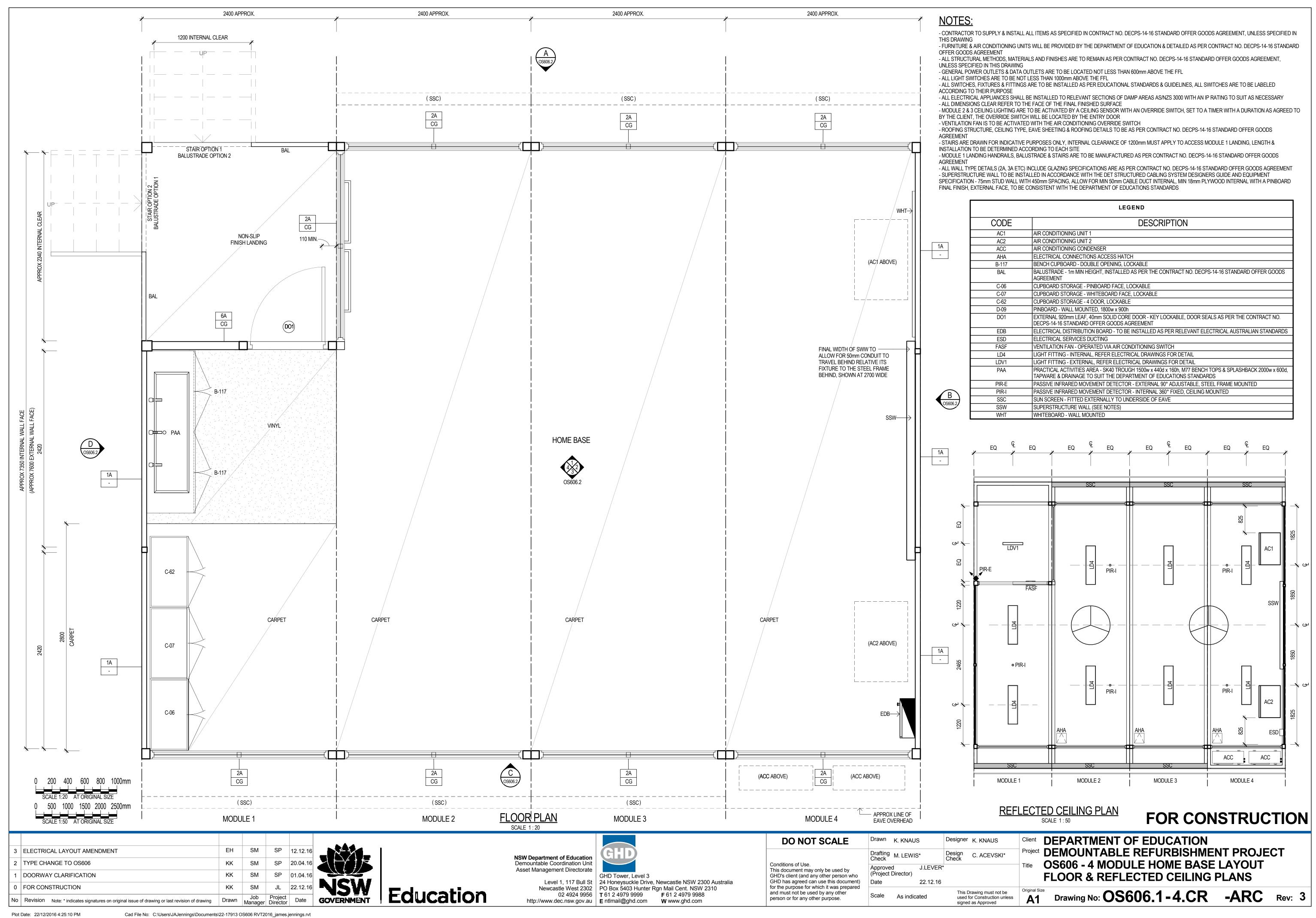
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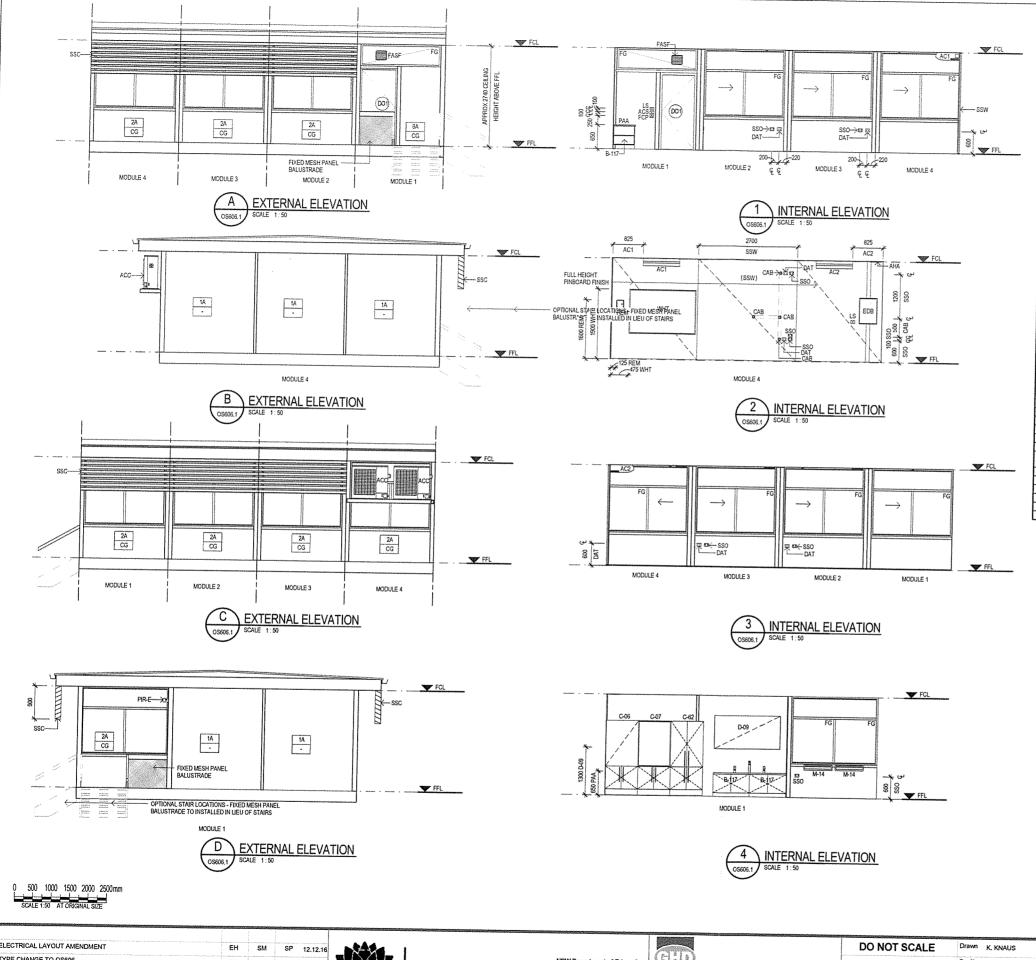
used for Construction unless

DEPARTMENT OF EDUCATION Project DEMOUNTABLE REFURBISHMENT PROJECT Title OS606 - 4 MODULE HOME BASE LAYOUT **POWER, COMMS & LIGHTING LAYOUTS**

A1 Drawing No: OS606.3-4.CR -ELC Rev: 0

FOR CONSTRUCTION





- CONTRACTOR TO SUPPLY & INSTALL ALL ITEMS AS SPECIFIED IN CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS AGREEMENT, UNLESS SPECIFIED IN THIS DRAWING

- CONTRACTOR TO SUPPLY & INSTALL ALL ITEMS AS SPECIFIED IN CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS AGREEMENT, UNLESS SPECIFIED IN THIS DRAWING
FURNITURE & AIR CONDITIONING UNITS WILL BE PROVIDED BY THE DEPARTMENT OF EDUCATION & DETAILED AS PER CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS AGREEMENT.
ALL STRUCTURAL METHODS, MATERIALS AND FINISHES ARE TO REMAIN AS PER CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS AGREEMENT.
ALL STRUCTURAL METHODS, MATERIALS AND FINISHES ARE TO BE LOCATED NOT LESS THAN 800mm ABOVE THE FFL
ALL LIGHT POWER OUTLETS & DATA OUTLETS ARE TO BE LOCATED NOT LESS THAN 800mm ABOVE THE FFL
ALL USHT SWITCHES ARE TO BE NOT LESS THAN 800mm ABOVE THE FFL
ALL USHT SWITCHES INTERES & DATA OUTLETS ARE TO BE INSTALLED AS PER EDUCATIONAL STANDARDS & GUIDELINES, ALL SWITCHES ARE TO BE LABELED
ACCORDING TO THEIR PURPOSE
ALL ELECTRICAL APPLIANCES SHALL BE INSTALLED TO RELEVANT SECTIONS OF DAMP AREAS ASNES 3000 WITH AN IP RATING TO SUIT AS NECESSARY
ALL DIMENSIONS CLEAR REFER TO THE FACE OF THE FINAL FINISHED SURFACE
ALL DIMENSIONS CLEAR REFER TO THE FACE OF THE FINAL FINISHED SURFACE
ADDILEZ 2 A DELIUNG LIBERTING ARE TO BE ACTIVATED BY A CELLING SENSOR WITH AN OVERRIDE SWITCH, SET TO A TIMER WITH A DURATION AS AGREED TO
BY THE CLENT, THE OVERRIDE SWITCH WILL BE LOCATED BY THE ENTRY DOOR
VENTILATION FAN IS TO BE ACTIVATED WITH THE AIR CONDITIONING OVERRIDES SWITCH
ROOPING STRUCTURE, CLEIMING TYPE, LAVE SHEETING & ROOPING DETAILS TO BE AS PER CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS
AGREEMENT
STAIRS ARE DRAWN FOR INDICATIVE PURPOSES ONLY, INTERNAL CLEARANCE OF 1200mm MUST APPLY TO ACCESS MODULE 1 LANDING, LENGTH &
INSTALLATION TO BE DETERMINED ACCORDING TO EACH SITE
OF THE CLEAR OF THE STANDARD OFFER GOODS
AGREEMENT
STAIRS ARE DRAWN FOR INDICATIVE PURPOSES ONLY, INTERNAL CLEARANCE OF 1200mm MUST APPLY TO ACCESS MODULE 1 LANDING, LENGTH &
INSTALLATION TO BE DETERMINED ACCORDING TO EACH SITE
OFFER THE LANDING HANDARD OFFER GOODS
AGREEMENT
STAIRS ARE DRAWN FOR INDICATIVE PURPOSES ONLY, INTERNAL CLE

LEGEND	
CODE	DESCRIPTION
AC1	AIR CONDITIONING UNIT 1
AC2	AIR CONDITIONING UNIT 2
ACC	AIR CONDITIONING CONDENSER
ACS	AIR CONDITIONING TIMER SWITCH - COUNTDOWN TIMER, ADJUSTABLE AT EDB, ALSO ACTIVATES VENTILATION FAN, SIGNAGE ABOV SWITCH PLATE
AHA	ELECTRICAL CONNECTIONS ACCESS HATCH
B-117	BENCH CUPBOARD - DOUBLE OPENING, LOCKABLE
C-06	CUPBOARD STORAGE - PINBOARD FACE, LOCKABLE
C-07	CUPBOARD STORAGE - WHITEBOARD FACE, LOCKABLE
C-62	CUPBOARD STORAGE - 4 DOOR LOCKABLE
CAB	CABLE DUCT - 50mm MIN DIA, SEE NOTES RE: SUPERSTRUCTURE WALL
D-09	PINBOARD - WALL MOUNTED, 1800w x 900h
DAT	DATA OUTLET - REFER ELECTRICAL DRAWINGS FOR DETAIL
DO1	EXTERNAL 920mm LEAF, 40mm SOLID CORE DOOR - KEY LOCKABLE, DOOR SEALS AS PER THE CONTRACT NO. DECPS-14-16 STANDA OFFER GOODS AGREEMENT
ED8	ELECTRICAL DISTRIBUTION BOARD - TO BE INSTALLED AS PER RELEVANT ELECTRICAL AUSTRALIAN STANDARDS
FASF	VENTILATION FAN - OPERATED VIA AIR CONDITIONING SWITCH
FCP	DUAL FAN CONTROL PANEL, REFER ELECTRICAL DRAWINGS FOR DETAIL, SIGNAGE ABOVE PLATE
FG	FIXED GLAZING - 6.3mm CLEAR LAMINATE
LS	LIGHT SWITCH - REFER TO ELECTRICAL DRAWINGS FOR DETAIL
M-14	BAG RACK - FIXED TO STEEL FRAME
PAA	PRACTICAL ACTIVITIES AREA - SK40 TROUGH 1500w x 440d x 160h, M77 BENCH TOPS & SPLASHBACK 2000w x 600d, TAPWARE & DRAINAGE TO SUIT THE DEPARTMENT OF EDUCATIONS STANDARDS
PIR-E	PASSIVE INFRARED MOVEMENT DETECTOR - EXTERNAL 90° ADJUSTABLE, STEEL FRAME MOUNTED
REM	AIR CONDITIONER REMOTE BOX - LOCKABLE, APPROX 1600mm ABOVE FFL
SSC	SUN SCREEN - FITTED EXTERNALLY TO UNDERSIDE OF EAVE
\$30	SINGLE SOCKET OUTLET - REFER ELECTRICAL DRAWINGS FOR DETAIL
SSW	SUPERSTRUCTURE WALL (SEE NOTES)
WHT	WHITEROARD, WALL MOUNTED

WALL TYPES:

WALL TYPE DETAILS TO BE AS PER CONTRACT NO. DECPS-14-16 STANDARD OFFER GOODS AGREEMENT

GLAZING LEGEND:

FOR CONSTRUCTION

Cilent DEPARTMENT OF EDUCATION
Project DEMOUNTABLE REFURBISHMENT PROJECT
Title OS606 - 4 MODULE HOME BASE LAYOUT 3 ELECTRICAL LAYOUT AMENDMENT Designer K, KNAUS 2 TYPE CHANGE TO OS606 Drafting M. LEWIS* Design C. ACEVSKI* Conditions of Use.
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cntimal@ghd.com Www.ghd.com J.LEVER Approved (Project Director) 0 FOR CONSTRUCTION Level 1, 117 Bull St Newcastle West 2302 02 4924 9956 Education No Revision Note: *indicates signatures on original issue of drawing or last revision of drawing Drawn Job Project Manager Director Date GOVERNMENT

EXTERNAL & INTERNAL ELEVATIONS A1 Drawing No: OS606.2-4.CR -ARC Rev: 3