

REQUEST FOR EXPRESSIONS OF INTEREST

CONSTRUCTION OF NEW DIGITAL SERVICES CENTRE

CONTRACT NO: EOIDSC 26-27

Request for Expressions of Interest

1. Overview

Hope Vale Aboriginal Shire Council invites Expressions of Interest from suitably qualified and experienced contractors for the construction of a new Digital Services Centre in Hope Vale, Queensland.

This project forms part of Council's broader strategy to strengthen digital connectivity, service delivery, and community infrastructure within the region.

2. Scope of Works

The successful contractor will be required to deliver a full construction scope based on the supplied Architectural and detailed documentation drawings, including (but not limited to):

- Site establishment and preliminary works
- Civil and site works
- Structural and building works
- Electrical and communications infrastructure
- Mechanical and associated services
- Finishes, fit-out, and commissioning

Detailed drawings and specifications will be issued to shortlisted respondents as part of the formal tender phase.

2A. Preliminary Drawings

A set of preliminary architectural drawings is attached to this EOI to provide interested contractors with an overview of the proposed development and expected scope of works.

Respondents are advised that:

- The drawings are indicative only and issued for information purposes at EOI stage
- The design may be subject to further refinement and coordination prior to tender release
- Final construction drawings, specifications, and contract documentation will be issued to shortlisted respondents during the formal tender phase

Contractors should use the preliminary drawings to inform their capability, resourcing, and local participation approach, rather than for detailed pricing.

3. Program

- EOI Opens: 24 April 2026
- EOI Closes: 8 May 2026
- Construction Commencement: July 2026
- Target Completion: July 2027

4. Local Participation Requirements

Council places a strong emphasis on local economic participation.

Respondents must demonstrate:

- A clear strategy for engaging local labour and trades, particularly for:
 - Site works
 - Electrical works
 - General construction activities
- Willingness to collaborate with Council in utilising local businesses

Hope Vale Aboriginal Shire Council will assist by providing a register of available local trades and service providers.

5. Contractor Requirements

Interested parties must:

- Hold all relevant contractor licences required to operate in Queensland
- Maintain appropriate insurances, including:
 - Public Liability Insurance
 - Workers Compensation
 - Contract Works Insurance
- Demonstrate experience delivering projects of similar scale and complexity
- Have the capacity to act as Principal Contractor for the duration of the works

6. Compliance and Governance

All works must be undertaken in accordance with:

- Hope Vale Aboriginal Shire Council policies and procedures
- Relevant Queensland legislation and regulations, including (where applicable):
 - Building Act 1975 (Qld)
 - Planning Act 2016 (Qld)
 - Work Health and Safety Act 2011 (Qld)
- Applicable Australian Standards and industry guidelines

7. EOI Submission Requirements

Submissions should include:

- Company profile and relevant experience
- Demonstrated capability to deliver the full scope of works

- Proposed approach to local workforce engagement
- Evidence of licences and insurances
- Key personnel and project delivery structure

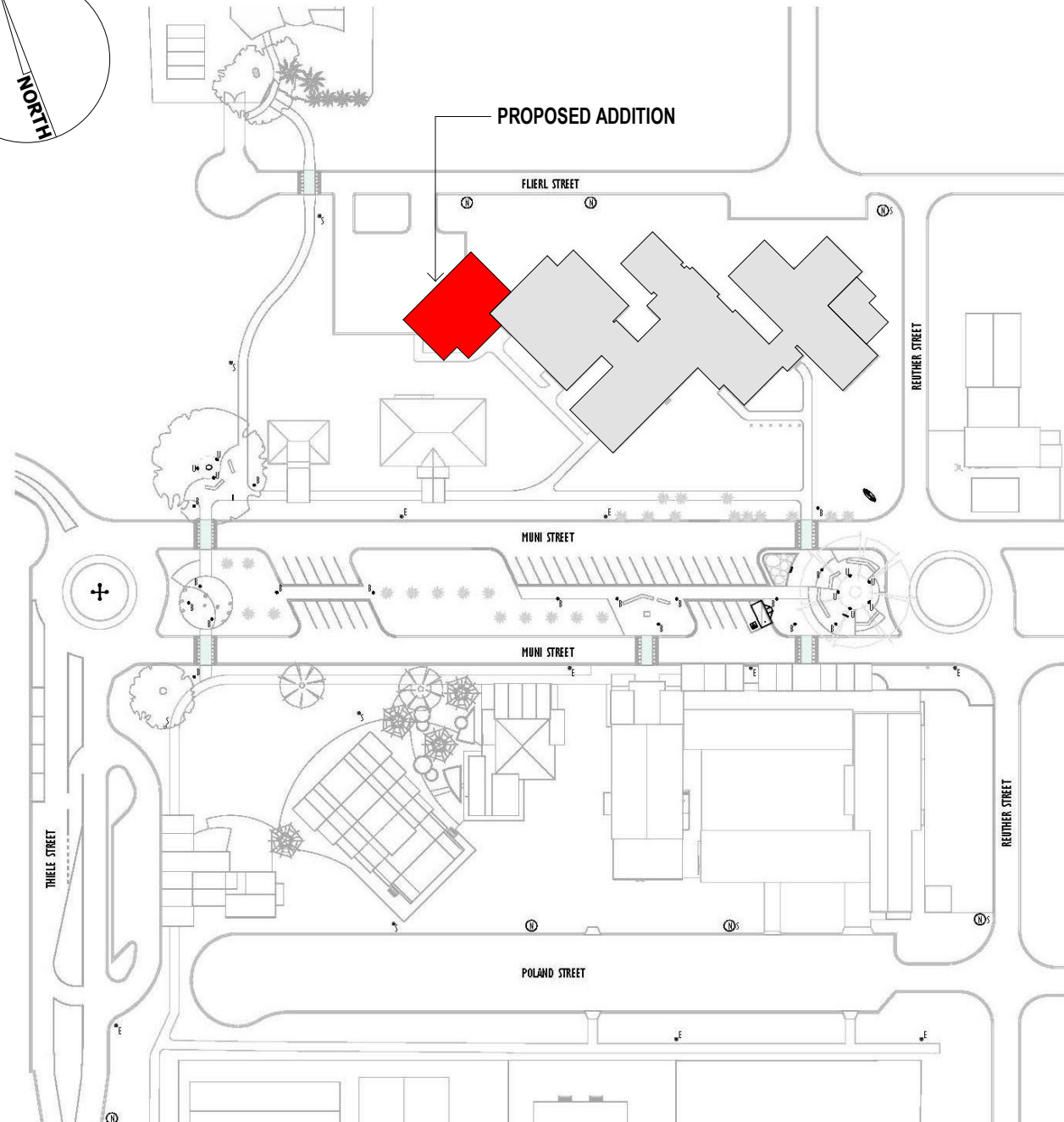
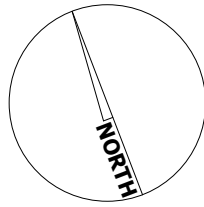
8. Next Stage

Following evaluation of EOIs:

- Shortlisted respondents will be invited to participate in a formal tender process
- A full package of architectural drawings, specifications, and contract documentation will be issued

9. Submission Details

EOI submissions must be submitted by email to keustice@hopevale.qld.gov.au Shire Council by the **8th May 2026**.



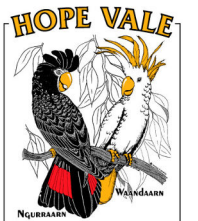
DRAWING LIST				
SHEET NUMBER	SHEET NAME	DESIGNED	REVISION	ISSUE DATE
A100	COVER SHEET	AW	3	29/03/26
A101	SITE PLAN	AW	3	29/03/26
A102	GROUND FLOOR PLAN	AW	3	29/03/26
A103	ROOF PLAN	AW	3	29/03/26
A104	NOTES & SCHEDULES	AW	3	29/03/26
A200	ELEVATIONS	AW	3	29/03/26
A201	ELEVATIONS	AW	3	29/03/26
A300	SECTIONS	AW	3	29/03/26
A401	SUB FLOOR PLAN	AW	3	29/03/26
A402	WALL FRAMING PLAN	AW	3	29/03/26
A403	HYDRAULIC PLAN	AW	3	29/03/26
A404	ELECTRICAL PLAN	AW		
A405	ROOF FRAMING PLAN	AW	3	29/03/26
A500	DETAILED PLANS & ELEVATIONS	AW	3	29/03/26
A501	DETAILED PLANS & ELEVATIONS	AW		
A600	STRUCTURAL DETAILS	AW	3	29/03/26

REVIEW

REVISIONS

No.	Description	Date
2	ISSUE FOR REVIEW	17/03/26
3	PRIOR EOI ISSUE	29/03/26

DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EQUIPMENT SIZES AND SET OUT ON SITE PRIOR TO CONSTRUCTION. INCONSISTENCIES SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY. THIS DRAWING IS SUBJECT TO COPYRIGHT AND REMAINS THE PROPERTY OF MYRIAD DESIGN.



myriad

tapitor pty ltd trading as myriad design abn 23 055 558 659
 a. 176 buchan street, cairns qld 4870
 t. 07 4041 7258 f. 07 4052 1690
 QBSA 1164388

PROJECT NAME:
HOPEVALE ABORIGINAL SHIRE COUNCIL OFFICE - EXTENSION

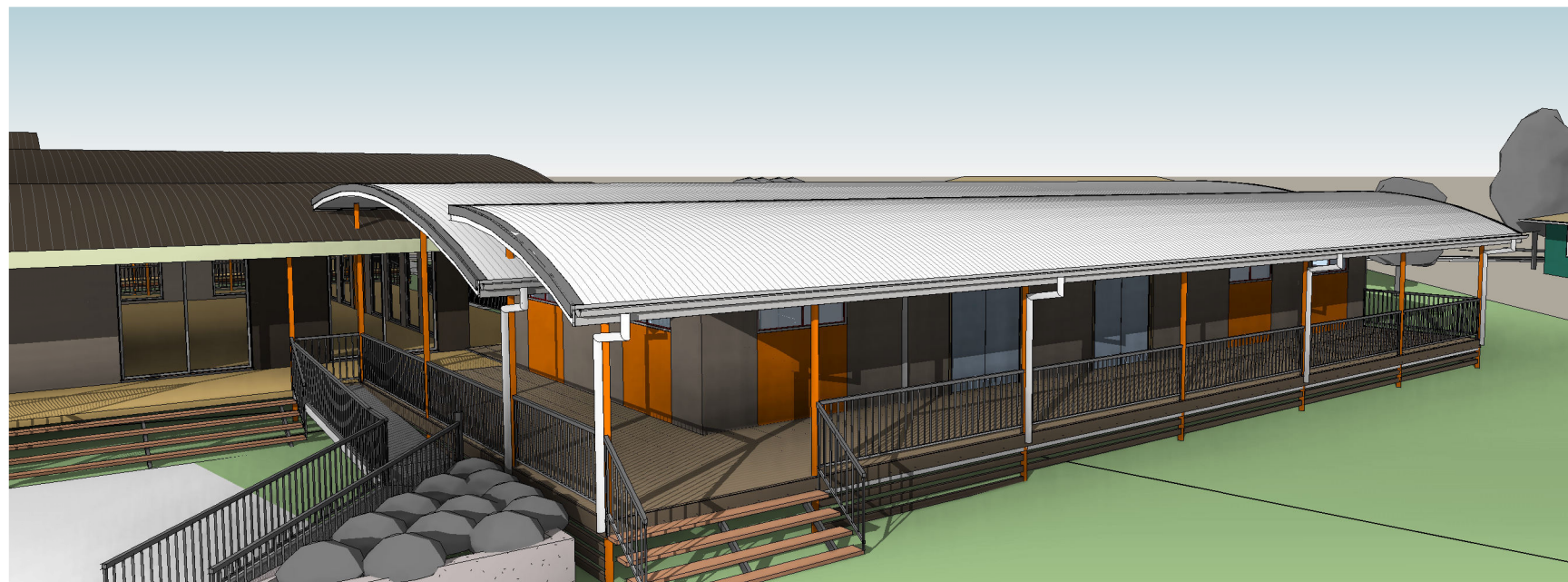
PROJECT ADDRESS:
REVIEW

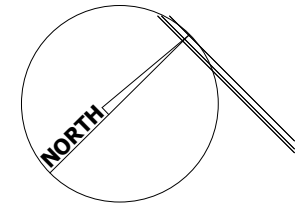
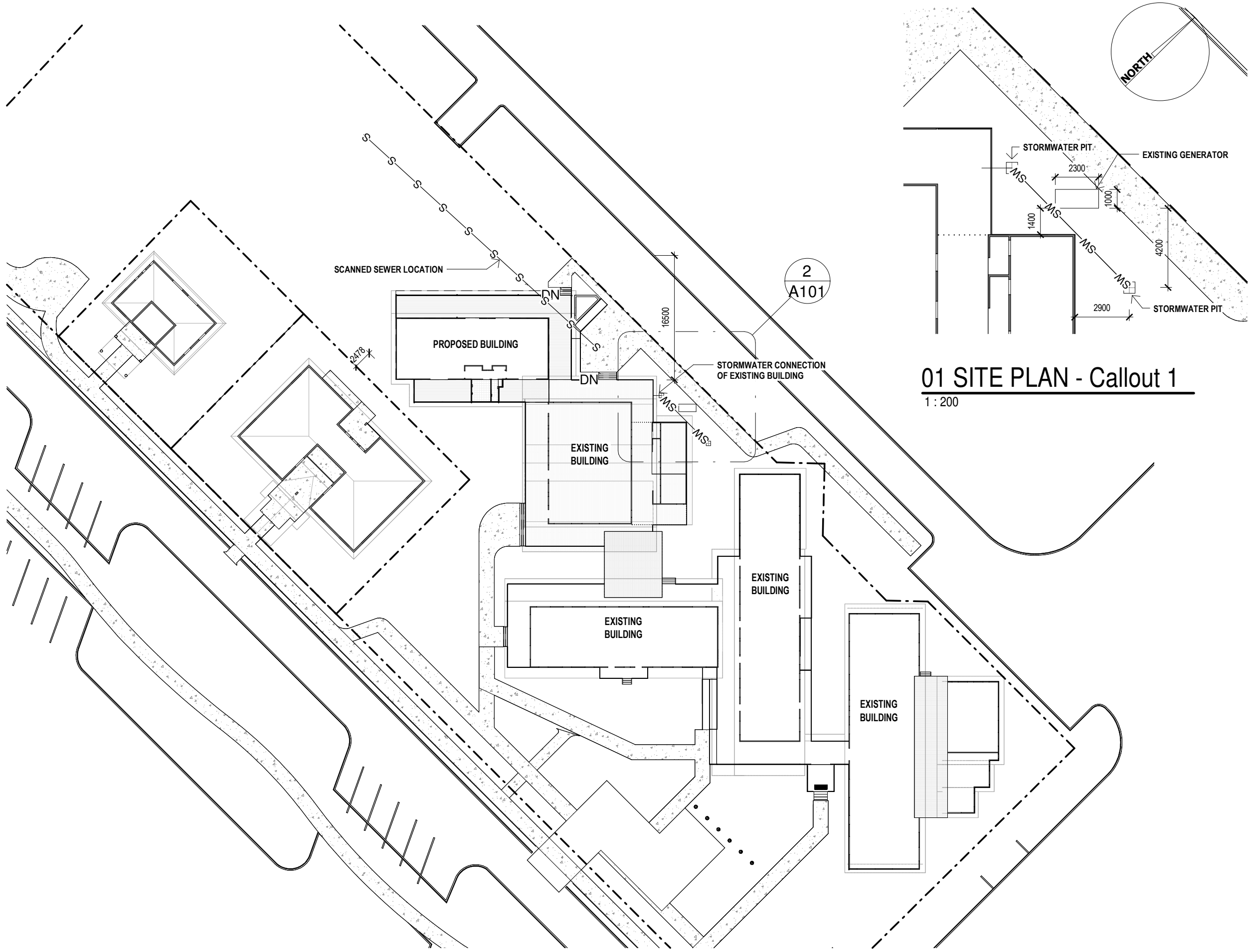
CLIENT NAME
HOPEVALE ASC

COVER SHEET

SCALE 1 : 400
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A100**





01 SITE PLAN - Callout 1

1 : 200

01 SITE PLAN

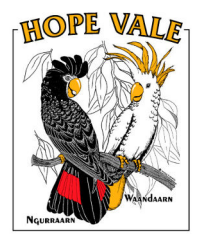
1 : 500

REVIEW

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CLIENT NAME
HOPEVALE ASC

SITE PLAN

SCALE As indicated
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A101**

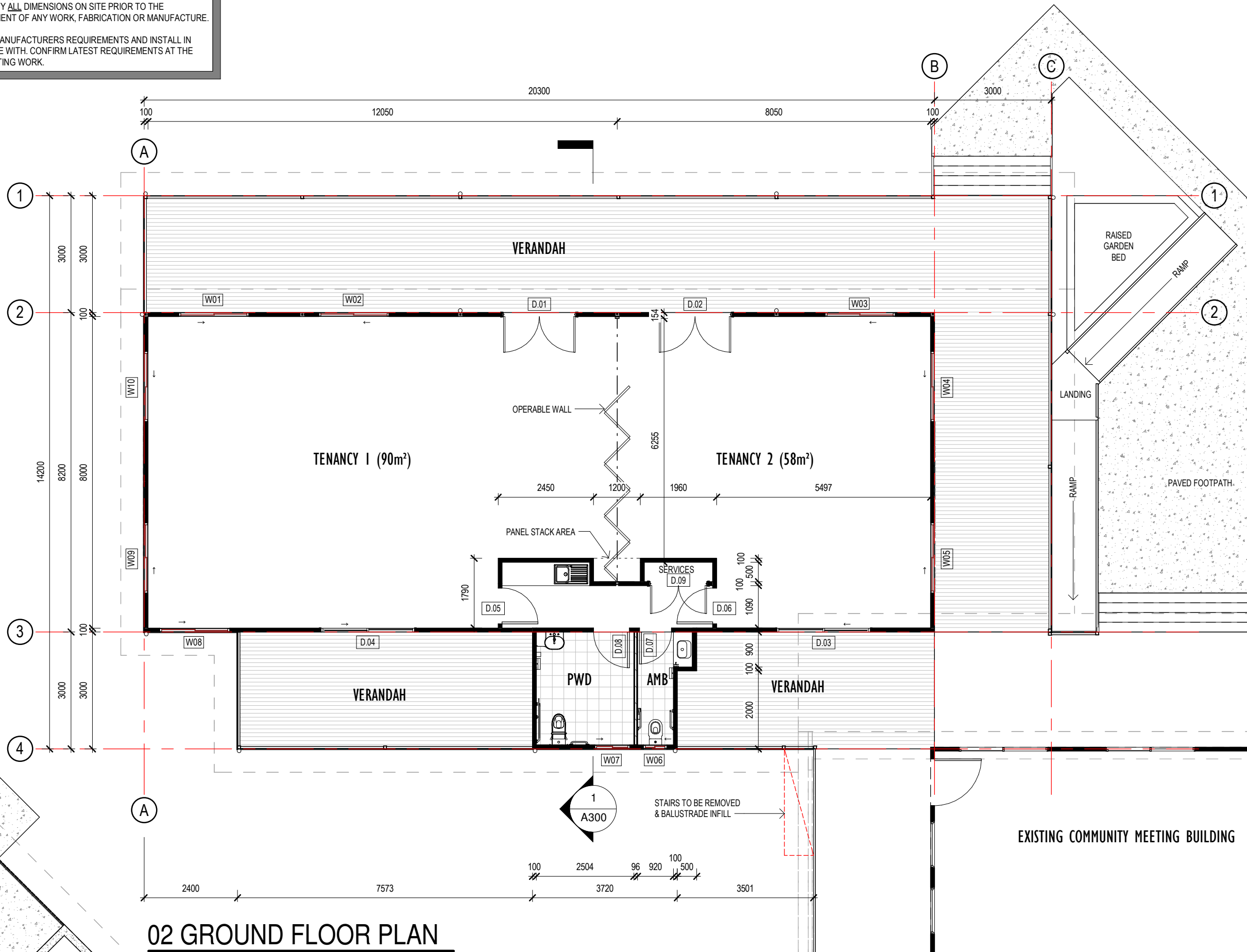
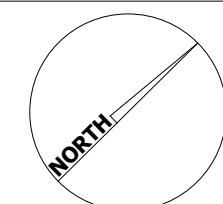
31/03/2026 11:36:34 AM

GENERAL NOTES

ALL PLANS ARE TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION NOTES AND BUILDERS SPECIFICATION. SUB-CONTRACTORS ARE TO COMPLY WITH NCC AND ALL RELEVANT STANDARD CODES.

PLEASE BRING TO THE ATTENTION OF THE SITE SUPERVISOR ANY DISCREPANCIES, ANOMALIES AND / OR AMBIGUITIES ON THESE PLANS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK, FABRICATION OR MANUFACTURE.

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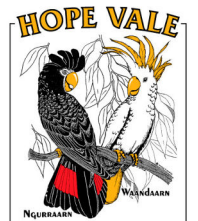
02 GROUND FLOOR PLAN
1 : 100

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HOPEVALE ASC

GROUND FLOOR PLAN

SCALE 1 : 100
ISSUE DATE Issue Date

SHEET NUMBER **3001- A102**

ROOF DRAINAGE

ALL ROOFWATER DRAINAGE SYSTEMS MUST BE CONNECTED TO A STORMWATER DRAINAGE SYSTEM COMPLYING WITH RELEVANT CODES & STANDARDS;

THE ROOF DRAINAGE SYSTEM MUST BE PROVIDED WITH AN OVERFLOW TO PREVENT THE BACKFLOW OF WATER INTO THE BUILDING;

THE AREA SPECIFIC RAINFALL INTENSITY MUST BE SELECTED FROM THE RELEVANT CODES & STANDARDS;

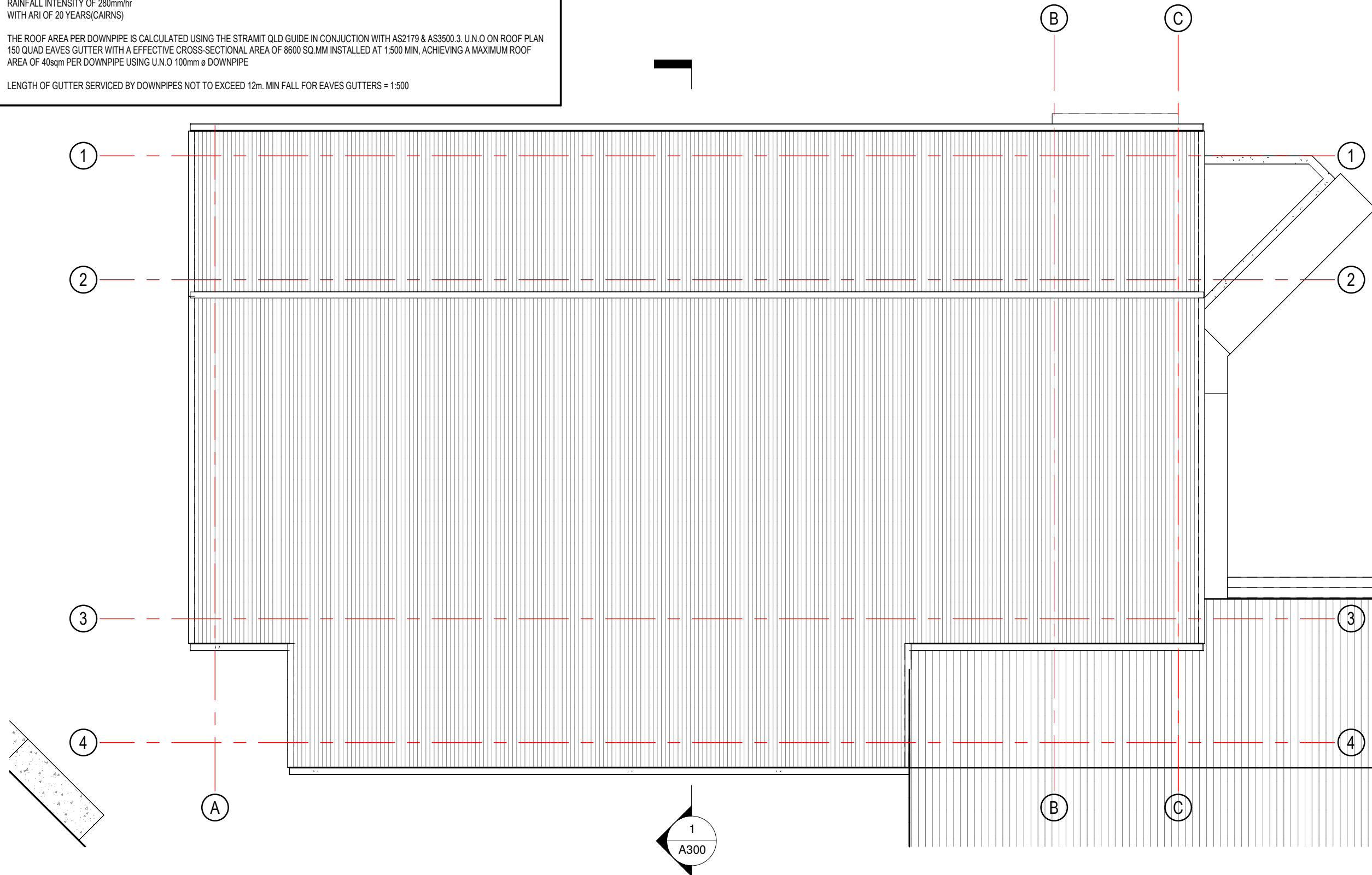
GUTTERS & DOWNPIPES ARE TO MATCH THE EXISTING AND CONNECT TO EXISTING SWD.

EAVES GUTTERS MUST BE INSTALLED AT A FALL NOT LESS THAN 1 IN 500 WITH SUPPORT BRACKETS AT 1.2m MAXIMUM CENTRES;

RAINWATER DRAINAGE
 RAINFALL INTENSITY OF 280mm/hr
 WITH ARI OF 20 YEARS(CAIRNS)

THE ROOF AREA PER DOWNPIPE IS CALCULATED USING THE STRAMIT QLD GUIDE IN CONJUNCTION WITH AS2179 & AS3500.3. U.N.O ON ROOF PLAN
 150 QUAD EAVES GUTTER WITH A EFFECTIVE CROSS-SECTIONAL AREA OF 8600 SQ.MM INSTALLED AT 1:500 MIN. ACHIEVING A MAXIMUM ROOF
 AREA OF 40sqm PER DOWNPIPE USING U.N.O 100mm ø DOWNPIPE

LENGTH OF GUTTER SERVICED BY DOWNPIPES NOT TO EXCEED 12m. MIN FALL FOR EAVES GUTTERS = 1:500



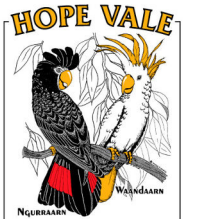
05 ROOF PLAN
 1 : 100

REVIEW

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ROOF PLAN

SCALE 1 : 100
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A103**

DOORS AND WINDOWS

ALL SWING DOORS TO BE 2000X870 SOLID CORE WITH TRIPLE HINGES.
ALL HINGES TO BE STAINLESS STEEL.
ALL LOCKS MUST BE KEYED ALIKE. DOOR AND WINDOW LOCKS TO COMPLY WITH AS 4145

SECURITY SCREENS

ALL WINDOWS ARE TO BE SECURED WITH SECURITY SCREENS TO THE ENTIRE WINDOW BOTH SLIDING AND FIXED. POWDERCOATED BLACK FRAMES.

EXTERNAL DOORS

EXTERIOR QUALITY DOOR 35MM THICK WITH SOLID CORE FACED BOTH SIDES WITH WATER PROOF PLYWOOD AND 3 HINGES
ALL EXTERIOR DOORS ARE TO BE FITTED WITH DEADLOCKS IN ADDITION TO STANDARD DOOR LOCKS
ALL EXTERIOR DOORS ARE TO BE KEYED ALIKE
FRONT DOOR TO BE FITTED WITH RAVEN DOOR SEALS.

SLIDING WINDOWS

ALUMINIUM SLIDING WINDOW WITH LAMINATED OR TOUGHEND GLASS ONLY WHERE SPECIFICALLY APPROVED FOR USE. POWDERCOATED BLACK FINISH (EXCEPT OBSCURE GLASS WITH FITTED VENT TO BATHROOM AND TOILET)

DOOR FURNITURE

ALL DOOR FURNITURE TO MATCH EXISTING BUILDINGS HARDWARE OR LOCKWOOD SERIES EQUIVALENT TO ALL ENTRY POINTS.

WINDOWS:

ALL WINDOWS TO SUIT AS 1288 CERTIFICATION AND NCC SOLAR CONTROL REQUIREMENTS FOR ENERGY EFFICIENCY. PROVIDE GLAZED WINDOWS WITH POWDERCOATED BLACK FRAMES AND LAMINATED OR TOUGHEND GLASS WHERE SPECIFICALLY APPROVED FOR USE.

SANITARY PLUMBING AND DRAINAGE:

- ALL DRAINAGE SHALL BE 100 DIA UPVC RUN AT MINIMUM GRADE OF 1:60 UNO.
- ALL VENT PIPES TO TERMINATE IN ACCORDANCE WITH AS 3500
- ALL I.O.'S UNDER CONCRETE TO BE TAKEN TO SURFACE LEVEL AND FITTED WITH APPROVED BRASS SCREW CAP
- ALL FWG'S SHALL HAVE 100MM DIA RISERS & REMOVABLE METAL SCREW GRATES CHROME PLATED WHERE EXPOSED
- WHERE PVC PIPES PENETRATE OR ARE BUILT INTO WALLS OR SLABS THE PIPES SHALL BE LAGGED WITH APPROVED MATERIAL IN ACCORDANCE WITH AS 3500
- MAXIMUM DISTANCE OF UNVENTED BRANCH DRAIN TO FIXTURES, DG'S AND ORG'S IS 10 METRES
- MATERIALS
- WASTE AND VENT PIPES AND FITTINGS: UPVC CLASS 'DWV' TO AS 1415 FITTED WITH FIRE STOP COLLARS AS REQUIRED.
- HOUSE DRAINAGE: UPVC CLASS 'DWV' TO AS 1260
- ALL WC'S TO BE SCREW FIXED TO FLOOR WITH NYLON PLUGS AND NON-CORROSIVE METAL SCREWS
- ALL DISCHARGE PIPES RECEIVING CONDENSATE WASTE INCLUDING TRAPS SHALL BE INSULATED
- FLOOR WASTE GULLIES RECEIVING DISCHARGES FROM TUBS OR WASHING MACHINES SHALL BE FITTED WITH PING PONG GRATE VALVES TO PREVENT FOAMING THROUGH FLOOR GRATES
- ACOUSTIC INSULATION OR ACOUSTICALLY RATED PIPEWORK (POLYPROPYLENE-SK PUSH FIT) CAPABLE OF ACHIEVING 30RW OR 45RW DEPENDING ON LOCATION RELATIVE TO HABITABLE AREAS IS TO BE INSTALLED TO ACHIEVE THE SOUND RATING REQUIREMENTS TO COMPLY WITH THE BCA

GENERAL PLUMBING NOTES

- ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SEWERAGE AND WATER SUPPLY LAWS 1998, BUILDING CODE OF AUSTRALIA, AS 2419, AS 2441, AS 2444, NATIONAL PLUMBING AND DRAINAGE CODE AS 3500 PART 1,2,3 & 4, CAIRNS REGIONAL COUNCIL REGULATIONS AND ALL OTHER RELEVANT AUSTRALIAN STANDARDS
- CONTRACTOR TO CHECK INTERPRETATION OF BYLAWS WITH COUNCIL
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTS, MECHANICAL, ELECTRICAL, STRUCTURAL ENGINEERS AND LANDSCAPE CONSULTANTS DRAWINGS AND SPECIFICATIONS
- CONTRACTOR TO VERIFY ALL SURFACE LEVELS, INVERT LEVELS AND COVER OVER WASTE DRAINAGE LINES ARE CORRECT AND OBTAINABLE BEFORE COMMENCEMENT OF WORK
- LOCATIONS OF EXISTING SERVICES ON SITE ARE ONLY APPROXIMATE AND HAVE NOT BEEN VERIFIED THE CONTRACTOR SHALL VERIFY LOCATIONS OF SERVICES BEFORE COMMENCEMENT OF WORK
- CONCEAL ALL PIPEWORK WHERE POSSIBLE
- ALL PIPES LAID UNDERGROUND IN LANDSCAPING TO BE MINIMUM DEPTH OF 400MM TO INVERT LEVEL AND SHALL BE 100MM DIA U.N.O
- WARE SERVICE PIPEWORK SIZES SHOWN AS NOMINAL BORE. ANY ALTERNATIVES USED MUST EQUAL OR EXCEED THOSE SHOWN
- CONTRACTOR TO PROVIDE AS CONSTRUCTED DOCUMENTS TO THE SUPERINTENDENT ON COMPLETION OF THE CONTRACT
- DO NOT SCALE FROM DRAWINGS

HOT AND COLD WATER

- PIPES LOCATED IN MASONRY WALLS OR CONCRETE SLABS ARE TO BE CONDUITED IN ACCORDANCE WITH AS 3500
- LOCATIONS OF CONTROL VALVES ARE SHOWN DIAGRAMMATICALLY ONLY. LOCATE ON SITH IN ACCESSIBLE POSITIONS IN ACCORDANCE WITH AS 3500
- HOT AND COLD WATER PIPEWORK IS SHOWN DIAGRAMMATICALLY ONLY
- ALL HOT AND COLD WATER LINES TO INDIVIDUAL FIXTURES TO BE MINIMUM 15MM DIA AND 20MM TO TWO OR MORE FIXTURES OR AS SHOWN ON THE DRAWINGS
- MATERIALS
COLD WARE MAINS: POLYETHYLENE PN12 PIPE AND FITTINGS TO AS 4130 OR EQUAL
COLD WATER SERVICE: REHAU CROSS LINKED HDPE TO ISO 9001 / COPPER TYPE 'B' TO AS 1432 OR EQUAL
COLD WATER SERVICE: REHAU CROSS LINKED HDPE TO ISO 9001 / COPPER TYPE 'B' TO AS 1432 LAGGED AS SPECIFIED OR EQUAL
- THE HOT WATER SYSTEM IN A CLASS 1 BUILDING MUST BE POWERED BY A HEAT PUMP HOT WATER SYSTEM ELIGIBLE TO RECEIVE RENEWABLE ENERGY CERTIFICATES OF AT LEAST 14 OR 22 DEPENDING ON THE NUMBER OF BEDROOMS OR A GAS HOT WATER SYSTEM WITH A 5 STAR ENERGY RATING.
- HOT WATER SUPPLY FOR PERSONAL HYGIENE PURPOSES IS TO BE STORED AT A MINIMUM OF 60 DEGREES C AND SUPPLIED TO SANITARY OUTLETS USED PRIMARILY FOR PERSONAL HYGIENE PURPOSES AT TEMPERATURES THAT SHALL NOT EXCEED:
A) 45 DEGREES C FOR CHILD CARE CENTRES, SCHOOLS, NURSING HOMES OR DISABLED FACILITIES
B) 50 DEGREES C IN ALL OTHER BUILDING CLASSES 1 – 4
- HOT WATER UNITS TO BE CAPABLE OF ATTAINING AND MAINTAINING TEMPERATURES IN EXCESS OF THOSE REQUIRED AT THEIR POINT OF USE AND INSTALLED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS - OFF PEAK TARIFF
- HOT WATER UNITS TO BE LOCATED IN NON-CORROSIVE SAFE TRAY WITH 50 DIA WASTES IN ACCORDANCE WITH AS 3500.4 DISCHARGING AS SHOWN ON THE DRAWINGS
- ALL HCS SHALL BE FITTED WITH APPROVED BACKFLOW PREVENTION DEVICES
- WHERE THE MAINS WATER PRESSURE SERVING A CLASS 1 BUILDING EXCEEDS OR COULD EXCEED 500KPA A PRESSURE LIMITING DEVICE ONCE SHOULD BE INSTALLED AT THE BOUNDARY TO ENSURE THE MAXIMUM PRESSURE DOES NOT EXCEED 500KPA

WINDOWS SCHEDULE

MARK	TYPE	HEAD HEIGHT	HEIGHT	WIDTH	SILL HEIGHT	TYPE
01	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
02	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
03	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
04	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
05	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
06	06.06.SW	2100	600	600	1500	SLIDING GLASS WINDOW
07	06.09.SW	2100	600	900	1500	SLIDING GLASS WINDOW
08	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
09	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW
10	06.18.SW	2100	600	1800	1500	SLIDING GLASS WINDOW

DOOR SCHEDULE1

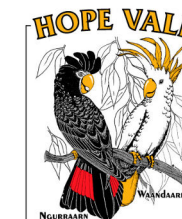
MARK	TYPE	HEAD HEIGHT	HEIGHT	WIDTH	SILL HEIGHT	TYPE
01	2/920	2040	2040	919	0	SOLID CORE SWING DOOR
02	2/920	2040	2040	919	0	SOLID CORE SWING DOOR
03	21.24.SD	2100	2100	1950	0	SLIDING GLASS DOOR
04	21.24.SD	2100	2100	1950	0	SLIDING GLASS DOOR
09	2/720	2040	2040	720	0	SOLID CORE SWING DOOR
05	920 DOOR	2040	2040	920	0	SOLID CORE SWING DOOR
06	920 DOOR	2040	2040	920	0	SOLID CORE SWING DOOR
07	820	2040	2040	820	0	SOLID CORE SWING DOOR
08	920 DOOR	2040	2040	920	0	SOLID CORE SWING DOOR

REVIEW

REVISIONS

No.	Description	Date
1	EXISTING PLAN & CONCEPT REVIEW ISSUE	17/02/26
2	PRIOR EOI ISSUE	29/03/26

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CLIENT NAME
HOPEVALE ASC

NOTES & SCHEDULES

SCALE 1 : 100

ISSUE DATE Issue Date

SHEET
NUMBER **3001- A104**

FIT ALL WINDOWS WITH FRAMED BLACK CRIMS SAFE MESH TO MATCH EXISTING

31/03/2026 11:36:35 AM

GENERAL NOTES

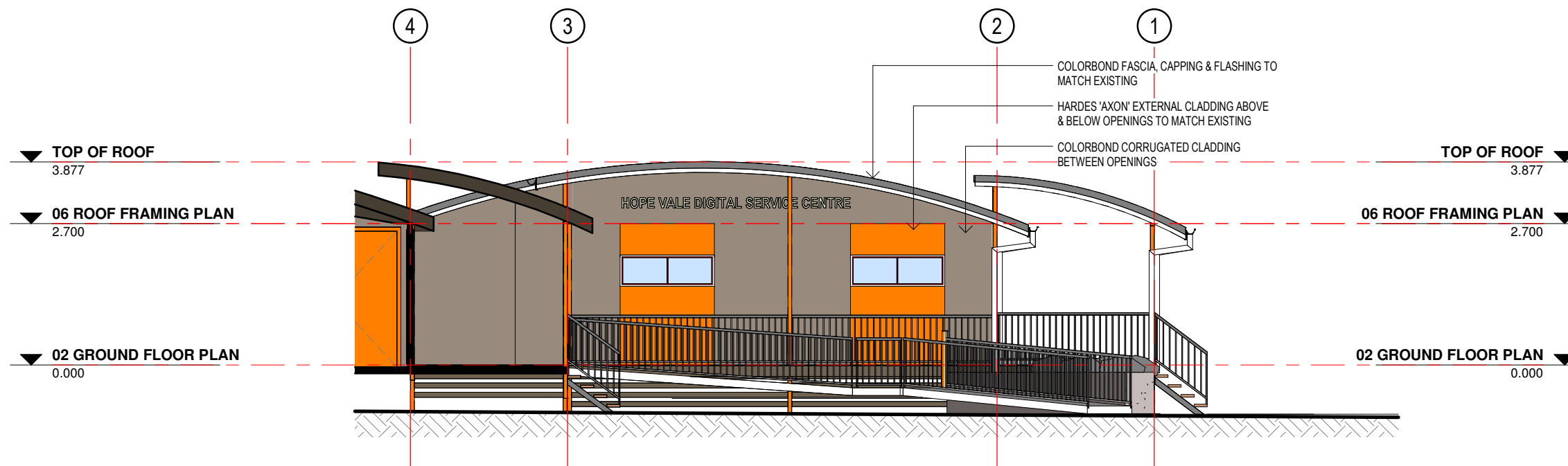
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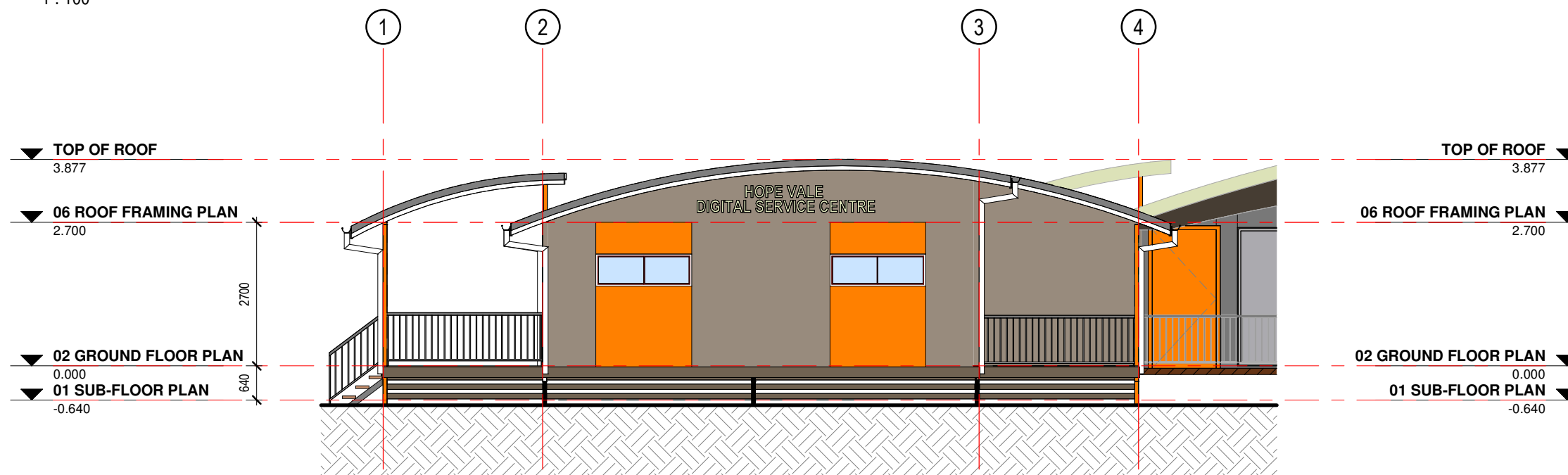
MATERIAL LEGEND

CODE	NOTE TYPE
------	-----------



01 NORTH EAST ELEVATION

1 : 100



02 SOUTH WEST ELEVATION

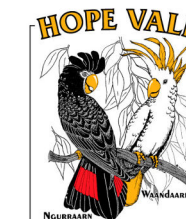
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ELEVATIONS

SCALE 1 : 100
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SHEET NUMBER **3001- A200**

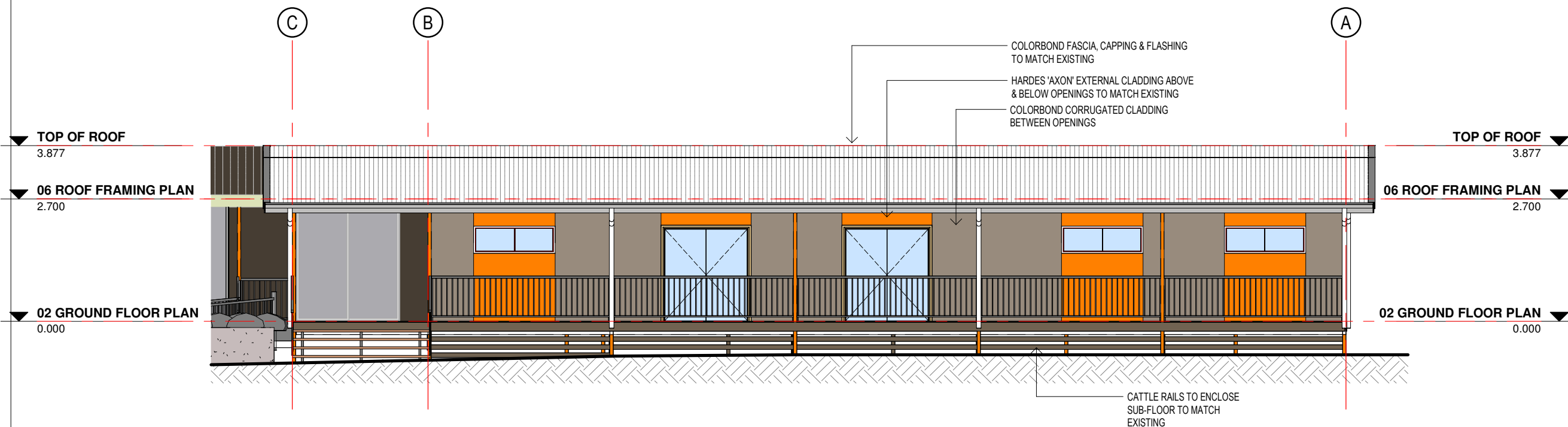
NOTE: PROVIDE COLOUR MATCH SAMPLE PAINT TO EXISTING BUILDING PRIOR TO ORDERING. THROUGHOUT EXTERIOR & INTERIOR MATCH COLOURS TO EXISTING BUILDING.

GENERAL NOTES

ALL PLANS ARE TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION NOTES AND BUILDERS SPECIFICATION. SUB-CONTRACTORS ARE TO COMPLY WITH NCC AND ALL RELEVANT STANDARD CODES.

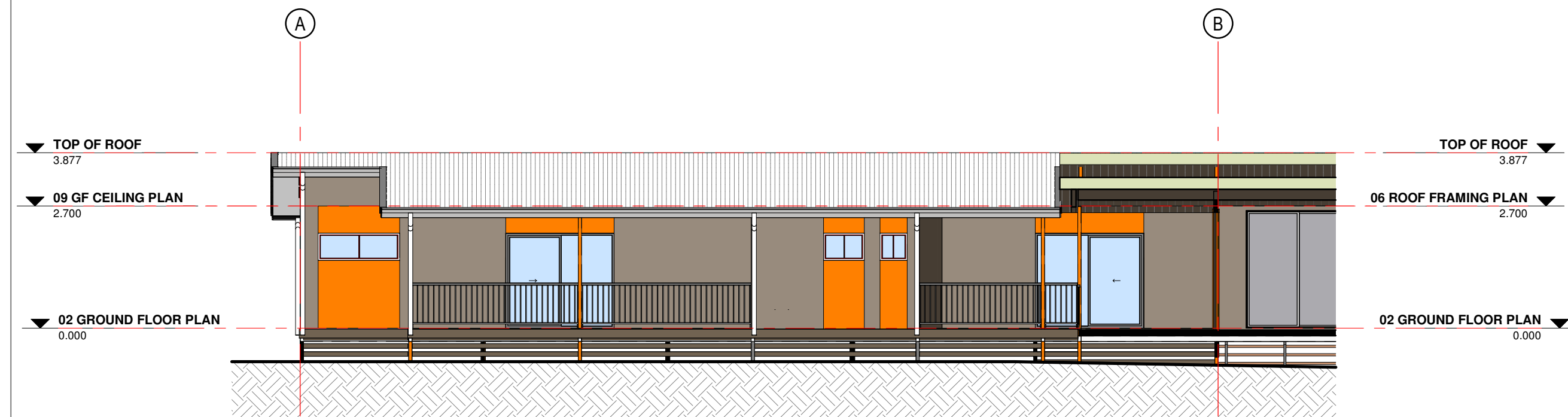
PLEASE BRING TO THE ATTENTION OF THE SITE SUPERVISOR ANY DISCREPANCIES, ANOMALIES AND / OR AMBIGUITIES ON THESE PLANS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK, FABRICATION OR MANUFACTURE.

CHECK ALL MANUFACTURERS REQUIREMENTS AND INSTALL IN ACCORDANCE WITH. CONFIRM LATEST REQUIREMENTS AT THE TIME OF STATING WORK.



03 NORTH WEST ELEVATION

1 : 100



04 SOUTH EAST ELEVATION

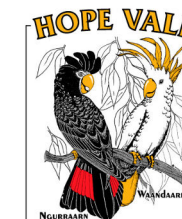
1 : 100

REVIEW

REVISIONS

No.	Description	Date
2	ISSUE FOR REVIEW	17/03/26
3	PRIOR EOI ISSUE	29/03/26

DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EQUIPMENT SIZES AND SET OUT ON SITE PRIOR TO CONSTRUCTION. INCONSISTENCIES SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY. THIS DRAWING IS SUBJECT TO COPYRIGHT AND REMAINS THE PROPERTY OF MYRIAD DESIGN.



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 a. 176 buchan street, cairns qld 4870
 t. 07 4041 7258 f. 07 4052 1690
 QBSA 1164388

PROJECT NAME:
HOPEVALE ABORIGINAL SHIRE COUNCIL OFFICE - EXTENSION

PROJECT ADDRESS:
REVIEW

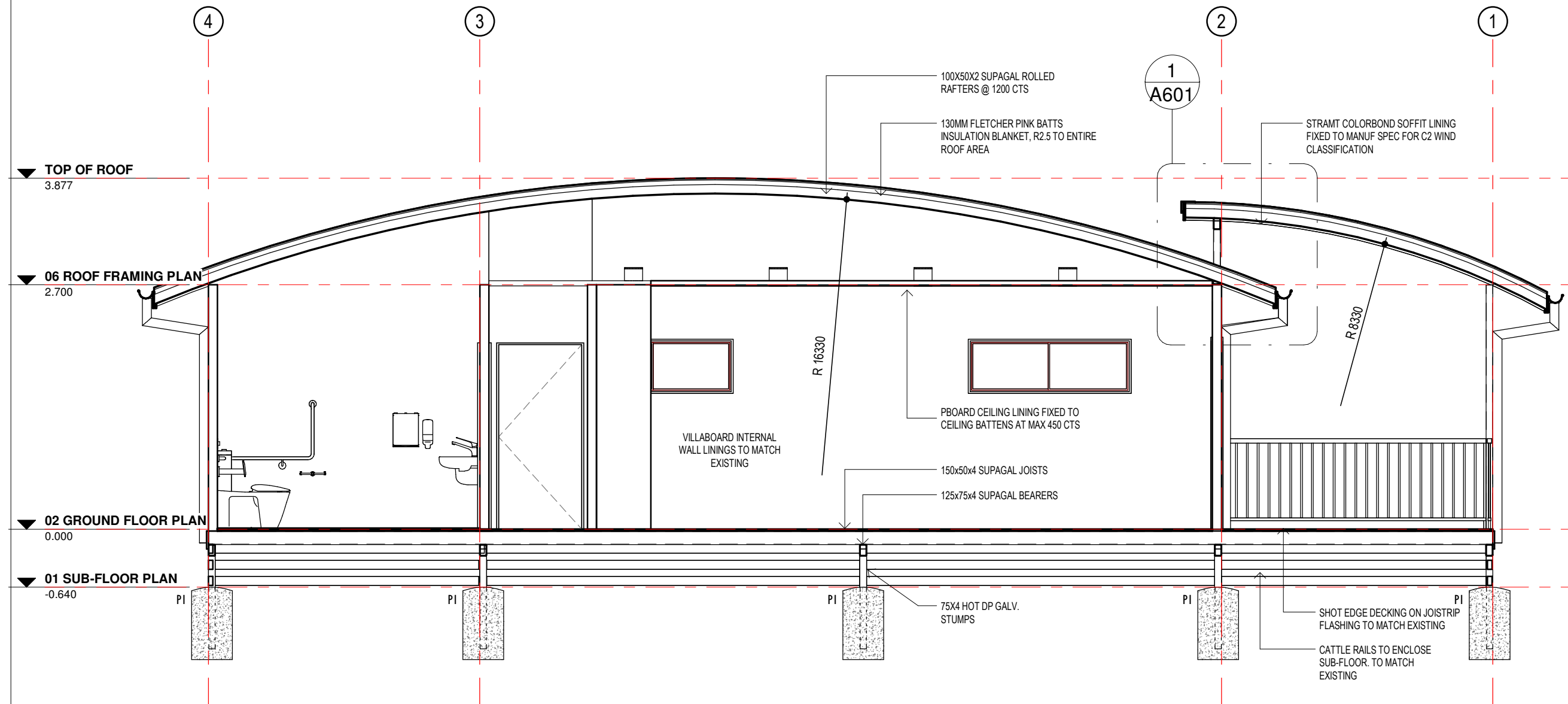
CLIENT NAME
HOPEVALE ASC

ELEVATIONS

SCALE 1 : 100
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A201**

REVIEW



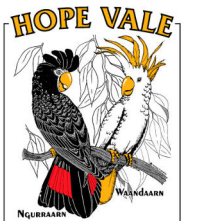
SECTION 01

1 : 50

REVISIONS

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SECTIONS

SCALE 1 : 50
 ISSUE DATE Issue Date

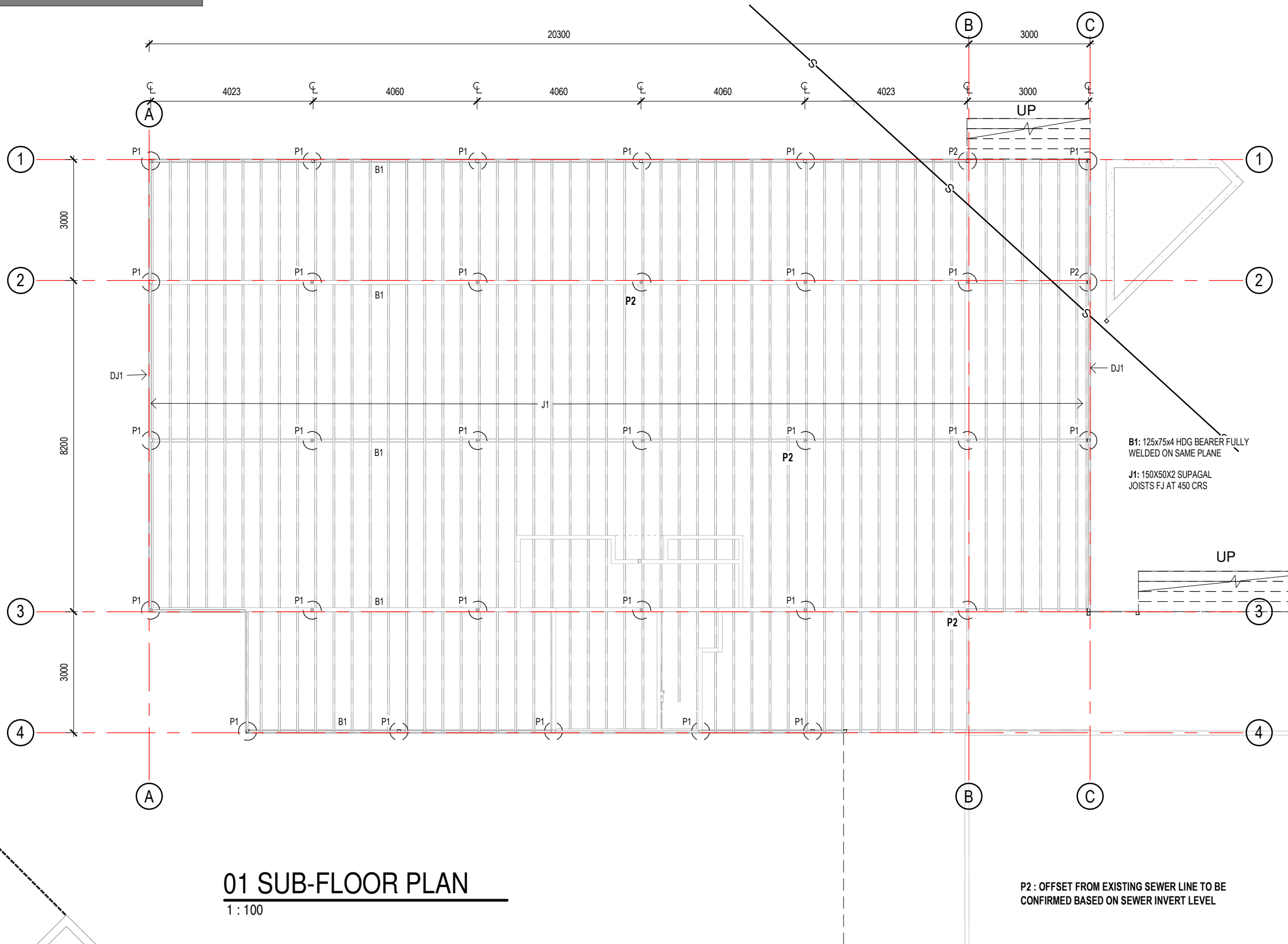
SHEET NUMBER **3001- A300**

GENERAL NOTE:

STORMWATER AND DRAINAGE LAYOUTS ARE DIAGRAMMATIC ONLY AND IS TO BE CONFIRMED BY A LICENSED PLUMBER AND DRAINER.

ALL DOWNPIPES TO BE 100dia.

DISCHARGE POINTS TO KERB. TO BE INCORDANCE WITH PARTS H2D2 & H2D6 OF THE NCC Vol2 AND PART 7.4 OF THE ABCB HOUSING PROVISIONS STANDARD



01 SUB-FLOOR PLAN

1:100

P2 : OFFSET FROM EXISTING SEWER LINE TO BE CONFIRMED BASED ON SEWER INVERT LEVEL

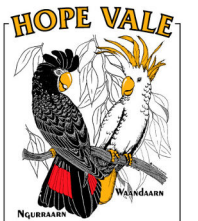
B1: 125x75x4 HDG BEARER FULLY WELDED ON SAME PLANE
 J1: 150X50X2 SUPAGAL JOISTS FJ AT 450 CRS

REVIEW

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SUB FLOOR PLAN

SCALE 1:100

ISSUE DATE Issue Date

SHEET NUMBER **3001- A401**

ROOF BEAMS (RB)

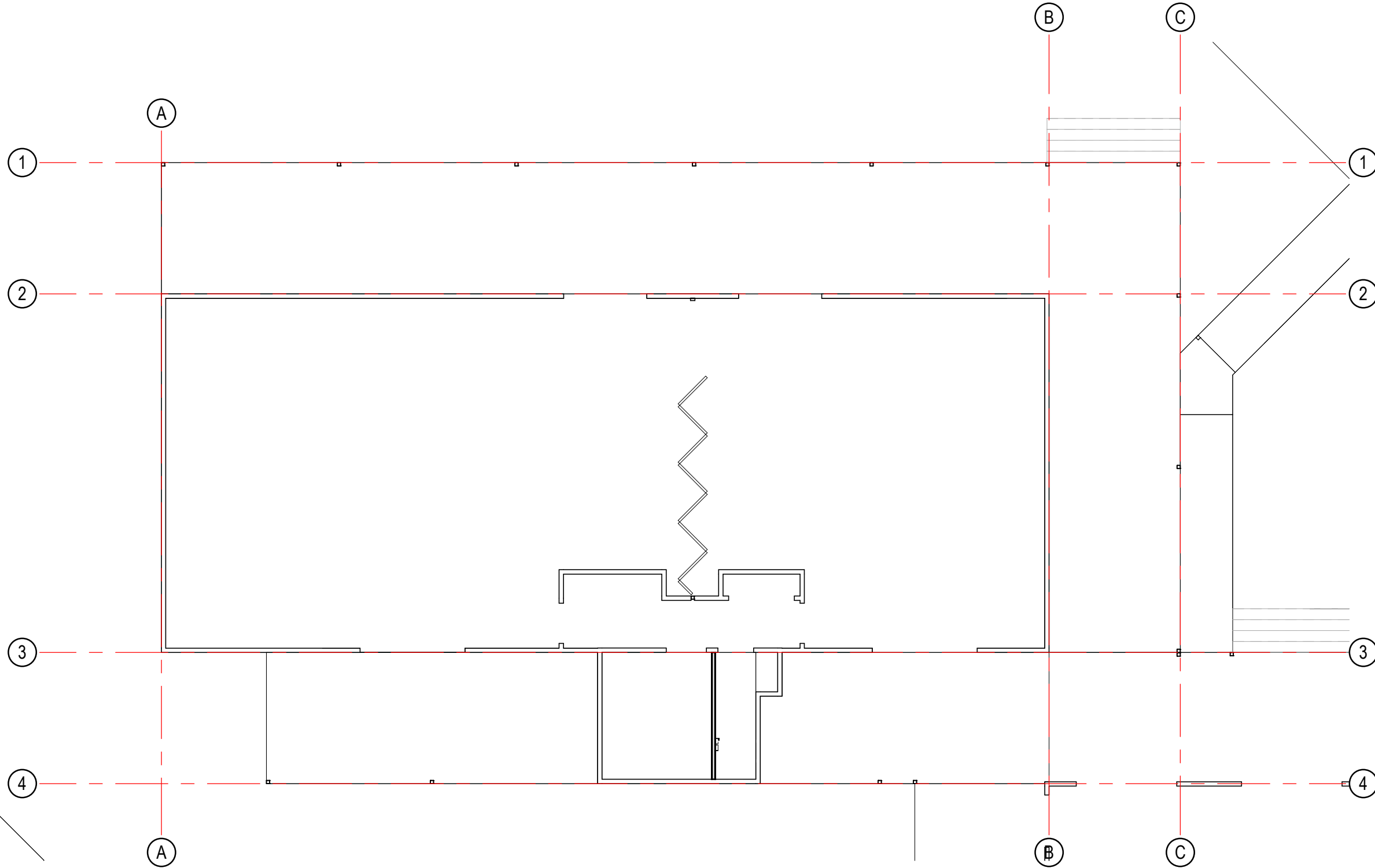
UNLESS NOTES OTHERWISE ON PLAN

RB1 90x35 MGP12 (H2) RAFTERS (or C10010)

- GF BLOCK WALL REINFORCEMENT
- N16 BARS AT CORNERS, BESIDE OPENINGS AND @ MAX 800 CRS
 - SINGLE BOND BEAM BELOW SLAB LEVEL, 1-N16
 - LINTELS AS SCHEDULED
 - SINGLE BOND BEAM TO SILLS, 1-N16
 - FILL REINFORCED CORES
 - RETAINING WALLS REINFORCED AS DETAILED AND SOLID FILLED

PROPRIETARY ROOF TRUSSES WHERE INDICATED @ 900 CRS TO MANUF SPECS FOR C2 WIND CLASSIFICATION.

ROOF BATTENS - TH40x0.75mm TOPHATS @ 600 CRS TYPICAL FIXED WITH 2M5.5-11x40 BATTENZIPS. DOUBLE UP BATTENS TO GABLE END OVERHANGS EXTENDING BACK 1 TRUSS.



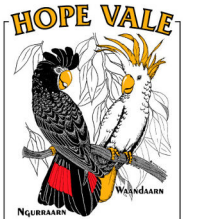
09 GF WALL FRAMING PLAN

1 : 100

REVISIONS

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WALL FRAMING PLAN

SCALE 1 : 100
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A402**

GENERAL NOTE:

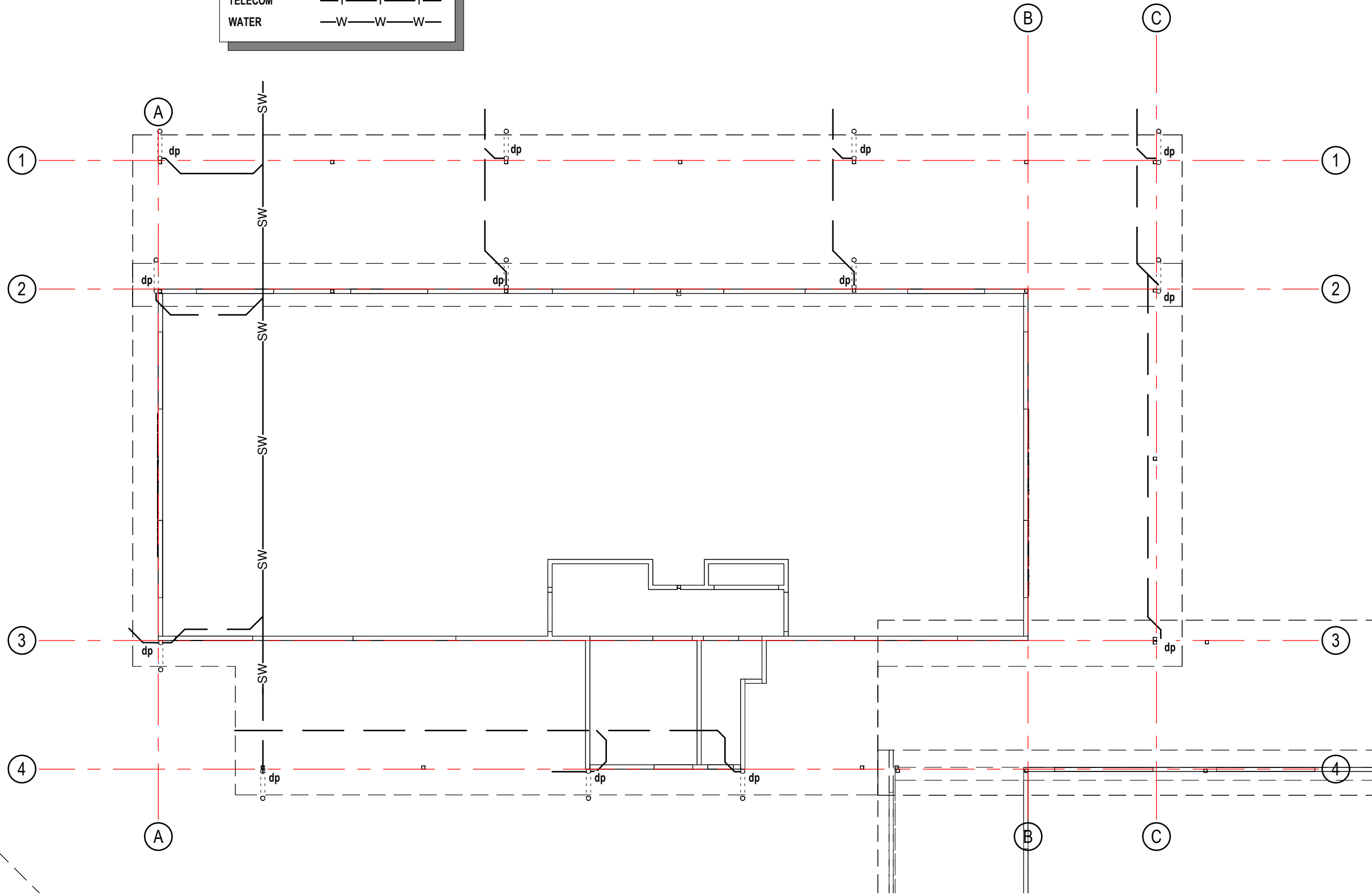
STORMWATER AND DRAINAGE LAYOUTS ARE DIAGRAMMATIC ONLY AND IS TO BE CONFIRMED BY A LICENSED PLUMBER AND DRAINER.

ALL DOWNPIPES TO BE 100dia.

DISCHARGE POINTS TO KERB. TO BE INCORDANCE WITH PARTS H2D2 & H2D6 OF THE NCC Vol2 AND PART 7.4 OF THE ABCB HOUSING PROVISIONS STANDARD

LINE TYPE LEGEND

FENCE	— / — / — / — / —
ELECTRICAL	— E — E — E —
GAS	— G — G — G —
SEWER	— S — S — S —
STORMWATER	— SW — SW — SW —
TELECOM	— T — T — T —
WATER	— W — W — W —



12 HYDRAULICS PLAN
1 : 100

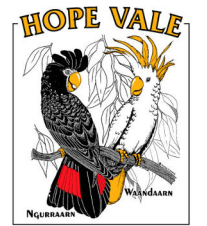
DISCHARGE POINT TO KERB. TO BE INCORDANCE WITH PARTS H2D2 & H2D6 OF THE NCC Vol2 AND PART 7.4 OF THE ABCB HOUSING PROVISIONS STANDARD

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HYDRAULIC PLAN

SCALE 1 : 100
ISSUE DATE Issue Date

SHEET NUMBER **3001- A403**

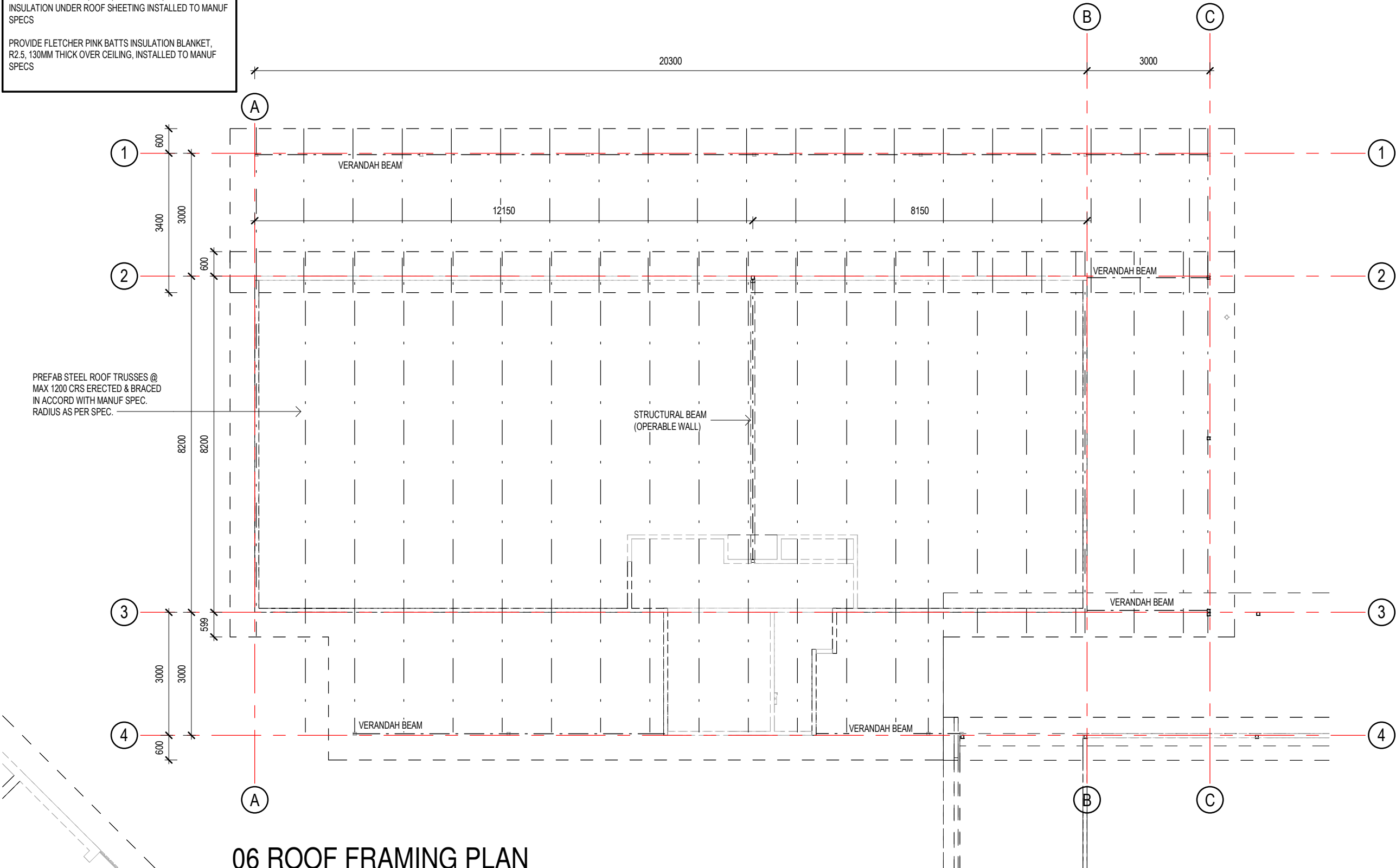
TYP. TRUSS TIE DOWN - 100X75X6 UA ONE SIDE OF TRUSS, 1-M12 BOLT THRU TOP PLATES, 1-M16 BOLT THRU OR OVER TRUSS NAIL PLATE.

ROOF BATTENS 40x0.75MM TOP HATS SPACING TO MATCH EXISTING

NOTE: WHERE BATTENS CROSS INTERNAL WALLS, FIX TO WALL WITH 100mm BATTEN SCREWS LEAVING 10-15mm FOR VERTICAL MOVEMENT OF THE TRUSS
 COLORBOND ROOF SHEETING INSTALLED IN ACCORDANCE WITH MANUF SPECS TO WIND CLASSIFICATION C2 REQUIREMENTS. CRS 40x0.75MM TOP HAT BATTENS TO MATCH EXISTING WITH 2 No. 12x40mm TYPE 17 HEX HEAD SCREWS @ EACH CONNECTION TO TRUSS. METAL STRAP BRACING TO TRUSS MANUF DETAILS.

PROVIDE REFLECTIVE FOIL-FLETCHER INSULATION, FOAM CELL MULTIPURPOSE, R0.20, 8.4MM THICK, OVERLAP 150MM. INSULATION UNDER ROOF SHEETING INSTALLED TO MANUF SPECS

PROVIDE FLETCHER PINK BATTS INSULATION BLANKET, R2.5, 130MM THICK OVER CEILING, INSTALLED TO MANUF SPECS



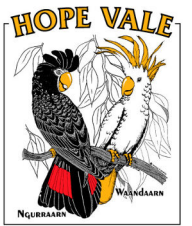
06 ROOF FRAMING PLAN
 1 : 100

REVIEW

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ROOF FRAMING PLAN

SCALE 1 : 100
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A405**

PERSON WITH DISABILITY TOILET NOTES:

FACILITY MUST STRICTLY COMPLY WITH AS1428.1 DESIGN FOR ACCESS AND MOBILITY

SIGNAGE: NCC CONTAINS REQUIREMENTS FOR BRAILLE AND TACTILE SIGNAGE. SIGNS FOR MALE & FEMALE AMBULANT FACILITIES SHALL BE PROVIDED AS PER CLAUSE 8, FIGURE 9(C). THE MINIMUM FONT SIZE SHALL BE 20MM SAN SERIF.

SUPPLY AND INSTALL GRAB RAILS TO EITHER SIDE OF TOILET SUITE.

DOOR NOTES:

AMBULANT FACILITY: DOORS SHALL BE PROVIDED WITH AN IN-USE INDICATOR AND A BOLT OR CATCH. WHERE A SNIB CATCH IS USED, THE SNIB HANDLE SHALL HAVE A MINIMUM LENGTH OF 45 MM FROM THE CENTRE OF THE SPINDLE. IN AN EMERGENCY, THE LATCH MECHANISM SHALL BE OPENABLE FROM THE OUTSIDE. DOOR TO HAVE LIFT OFF HINGES BRAILLE SIGNAGE ON TOILET DOOR TO COMPLY WITH AS1428.1

WATERPROOFING:

ALL WALLS & FLOORS TO BE WATERPROOFED WITHIN PWD FACILITY, IN ACCORDANCE WITH F2D2 & F2D4 OF THE NCC VOL 1 AND AS3740 TO A MINIMUM HEIGHT OF 1500MM.

PROVIDE COMPLIANCE CERTIFICATE TO BUILDER ON COMPLETION.

MIRROR FULL WIDTH OF HAND BASIN FROM 900MM AFFL TO 1850MM AFFL.

SOAP DISPENSER AND HAND DRYER TO BE MOUNTED AT 900MM AFFL TO U/S. TO BE SUPPLIED BY CLIENT AND INSTALLED BY CONTRACTOR

TOP OF BASIN TO BE 810MM AFFL.

ALL WALLS TO BE TILED

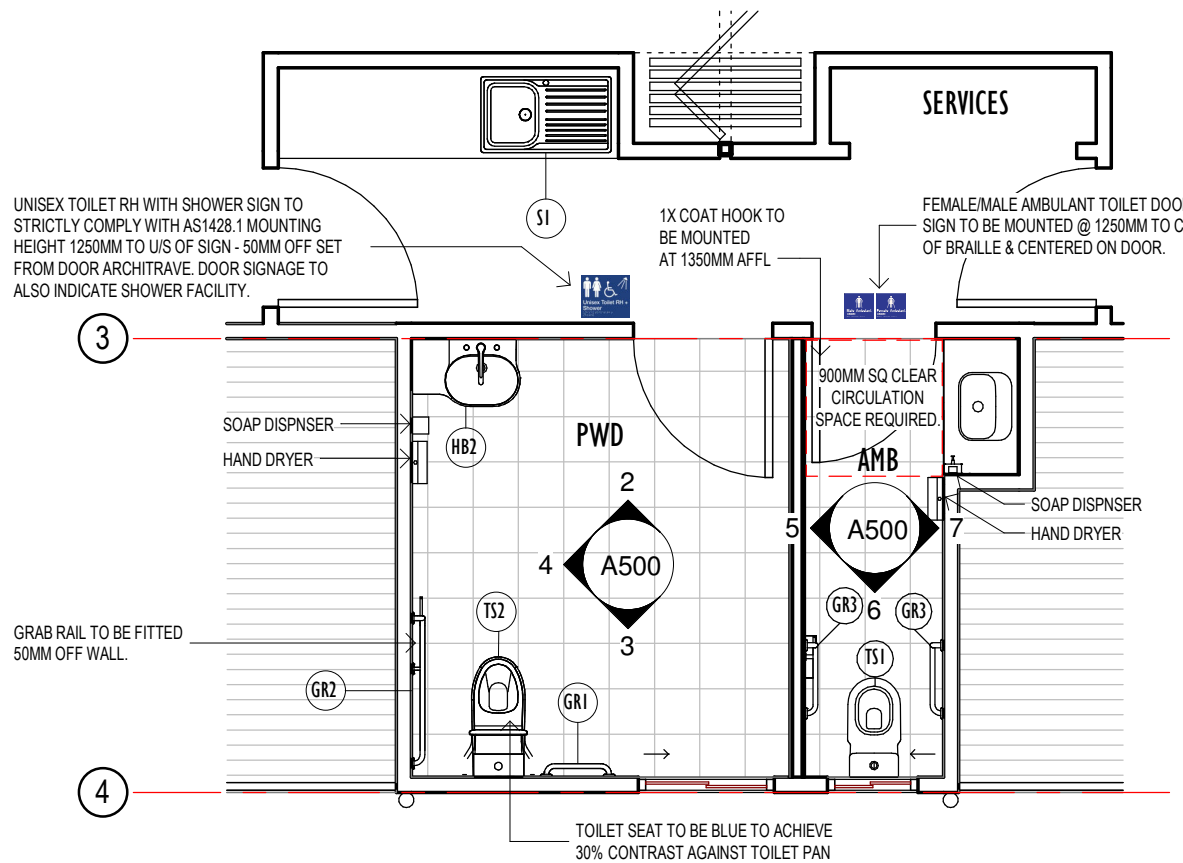
DOOR HANDLES TO BE FITTED NOT LESS THAN 900MM AFFL NO MORE THAN 1100MM ABOVE THE PLANE OF THE FINISHED FLOOR. OCCUPANCY INDICATOR LOCK TO BE FITTED.

PWD ELEVATION 2

1 : 50

AMB ELEVATION 5

1 : 50

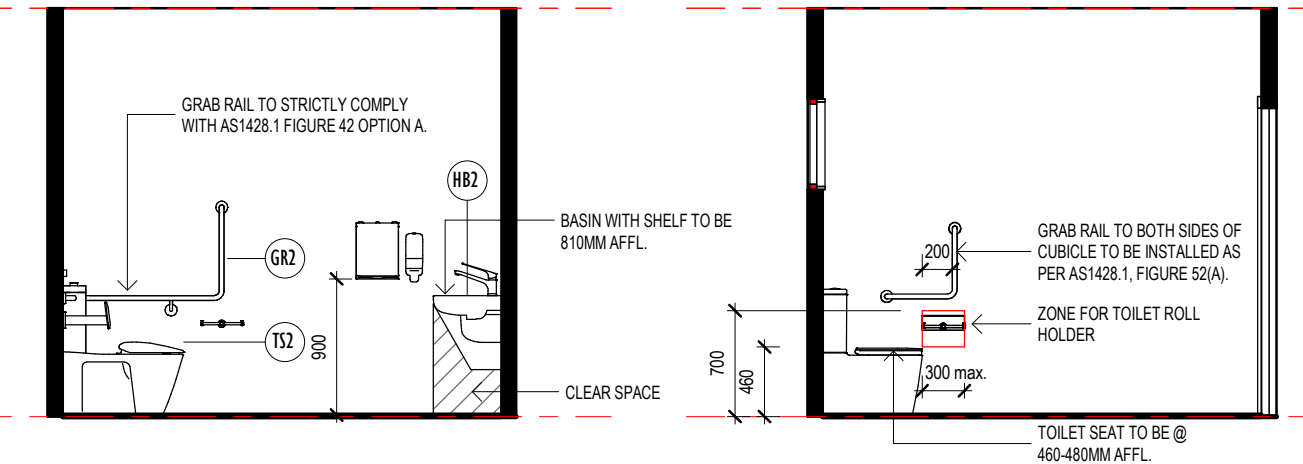


PWD ELEVATION 3

1 : 50

AMB ELEVATION 6

1 : 50



PWD ELEVATION 4

1 : 50

AMB ELEVATION 7

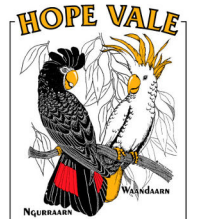
1 : 50

REVIEW

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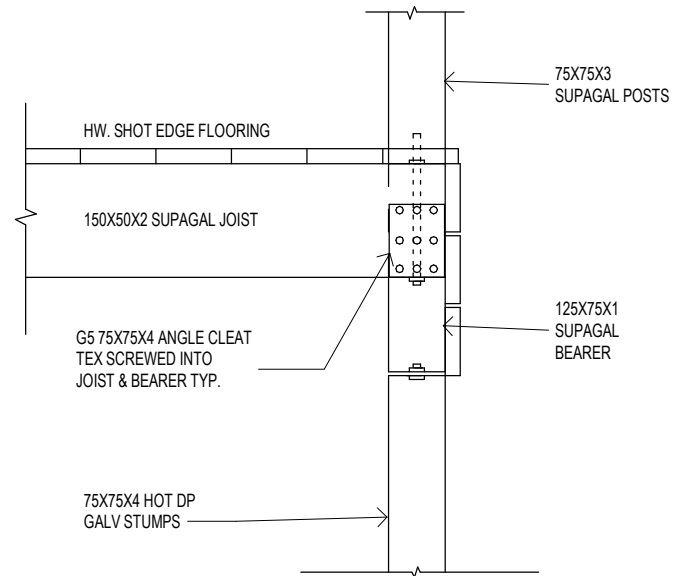
DETAILED PLANS & ELEVATIONS

SCALE As indicated
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A500**

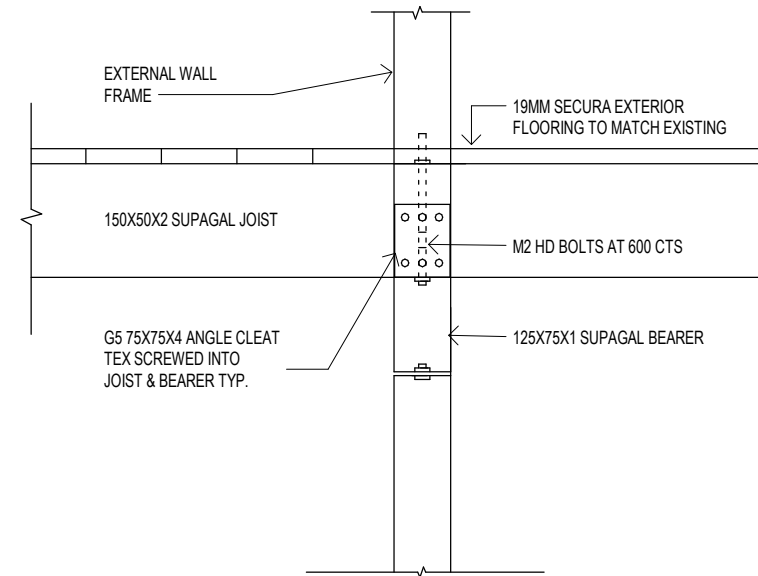
15 WET AREA PLAN

1 : 50



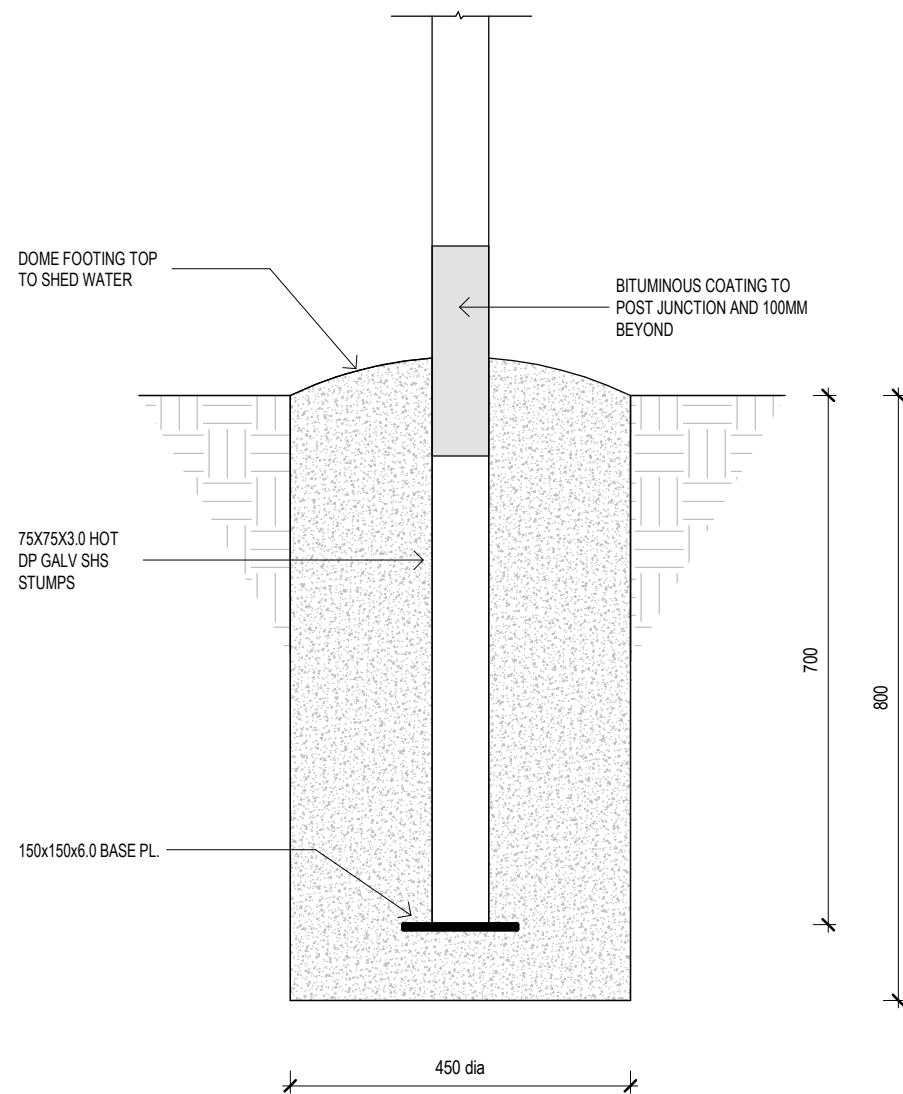
F1 DETAIL

1 : 10



F2 DETAIL

1 : 10



FOOTING DETAIL P1

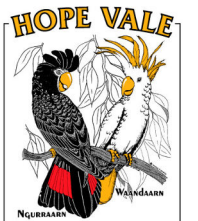
1 : 10

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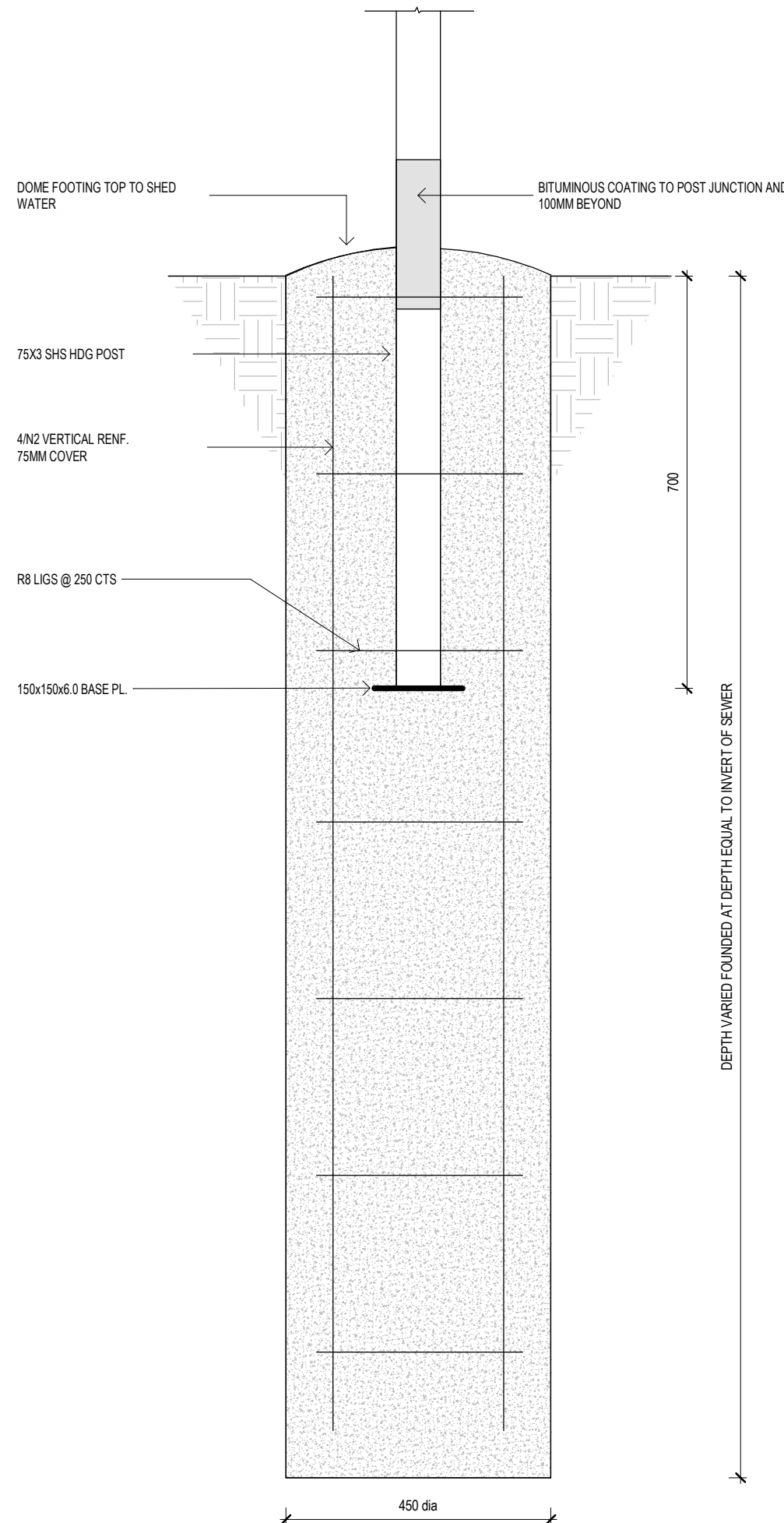
CLIENT NAME
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STRUCTURAL DETAILS

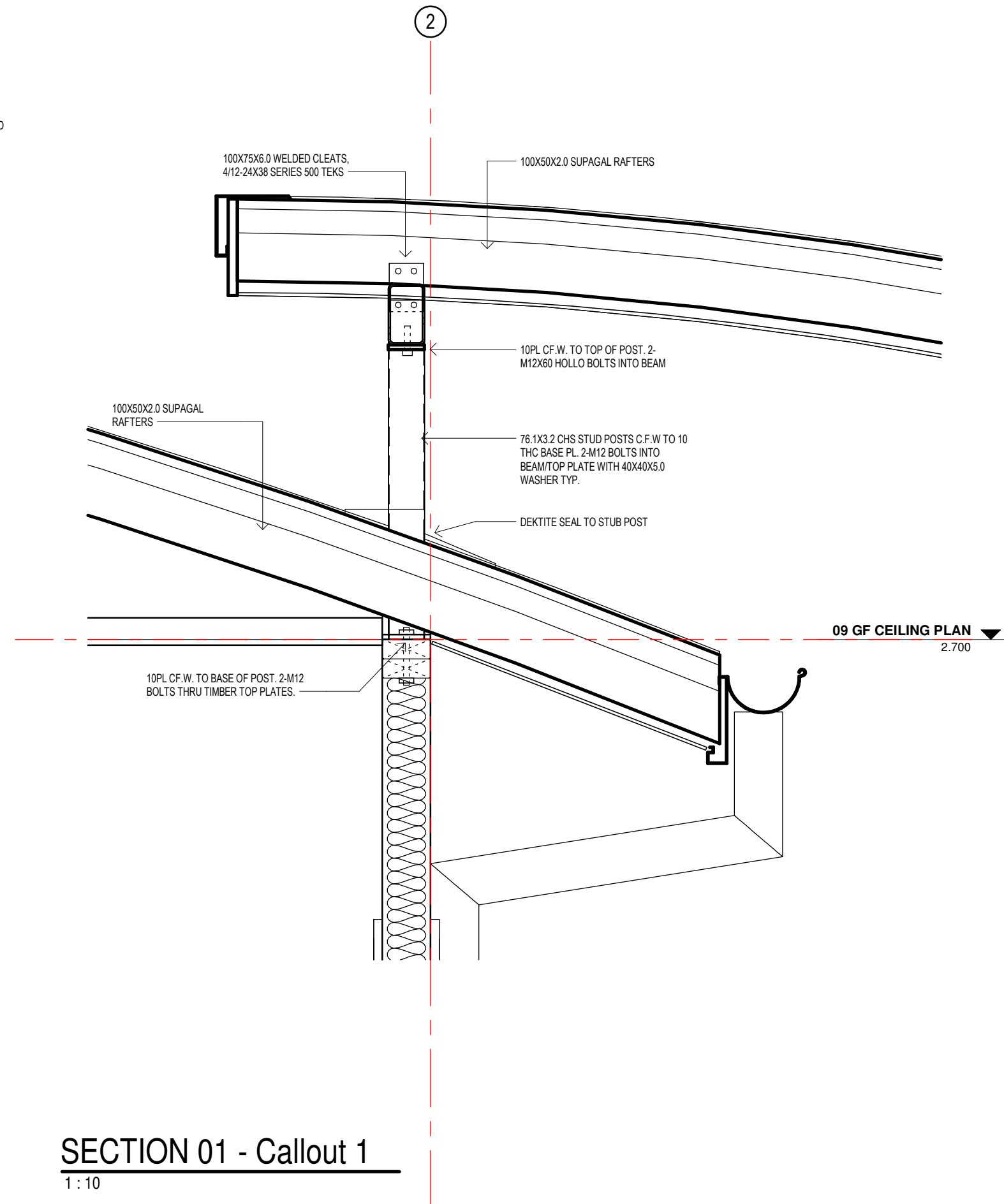
SCALE 1 : 10

ISSUE DATE Issue Date

SHEET NUMBER **3001- A600**



FOOTING DETAIL P2
1:10



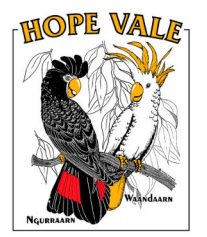
SECTION 01 - Callout 1
1:10

REVIEW

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CLIENT NAME
HOPEVALE ASC

STRUCTURAL DETAILS

SCALE 1:10
ISSUE DATE Issue Date

SHEET NUMBER **3001- A601**

G. General

- G.1 do not scale drawings. All dimensions to be confirmed on site.
- G.2 all construction to be in accordance with relevant Australian standards, the building code of Australia and local authority regulations.
- G.3 all workmanship and materials to be in accordance with relevant Australian standards.
- G.4 the structure is to maintain in a stable condition at all times.

SN. Site notes

- SN.1 Earthworks to be in accordance with as 2870.
- SN.2 All water to be drained away from buildings during and after construction.
- SN.3 All levels to be confirmed on site - align with existing building levels.
- SN.4 Prior to completion, natural soil level around house to be regraded with 75mm set down from verandah/carport slab edge with maximum 1:10 fall away from dwelling

F. Footings and slab notes

- F.1 Footings have been designed for class 'M' site classification. Builder to verify site conditions prior to construction.
- F.2 Natural foundations to be grubbed out and free of organic matter and debris and compacted to min 98% srdd at -5% to +2% of optimum moisture content or not less than 70% density index f or cohesionless soils.
- F.3 Fill to slab and foundations shall be an approved non-plastic material compacted in max 200mm layers to min 98% srdd at -5% to +2% of optimum moisture content or not less than 70% density index for cohesionless soils.
- F.4 Footing trenches to be clean and dry at the time of casting with any softened material removed. Base of all footings to be founded on firm natural ground with min safe bearing capacity of 100 kpa.
- F.5 Concrete slab and footings N20. Vibrate concrete and cure slab for min 7 days. Concrete cover to be maintained by the use of approved chairs spaced at approx 750mm centres. Conduits and pipes shall not be placed within cover concrete.

C. Concrete

- C.1 Concrete generally in accordance with AS3600.
- C.2 Concrete specification unless noted otherwise:
- C.3 Reinforcement notation:
 'N' denotes grade D500n hot rolled rebar to AS4671
 'S' denotes grade D250n hot rolled rebar to AS4671
 'R' denotes grade R250n hot rolled plain round to AS4671
 'I' denotes grade R500l cold drawn round wire to AS4671
 'DW' denotes grade D500l cold drawn ribbed wire to AS4671
 'RL', 'SL', 'L_TM' denotes grade D500 deformed wire meshes to AS4671
 Additives shall not be used without the superintendent's approval.
- C.4 Mechanically vibrate concrete in the form to give maximum compaction without segregation of the concrete.
- C.5 Cure concrete as required by section 19 of AS3600.
- C.6 Concrete sizes shown are minimum and do not include applied finishes. Do not reduce or hole concrete without superintendent's approval.
- C.7 Do not place conduits, pipes and the like within the cover concrete.
- C.8 Formwork shall generally comply with AS3610.
- C.9 Stripping of formwork shall comply with section 19 of AS3600.

R. Roofing

- R.1 Roof trusses and roof bracing in accordance with manufacturer's specification for C2 (W50c) wind classification.
- R.2 Roof battens
 a) 40x0.75mm top hats, spacing to match existing. 2-no. 12-11x40 hex head type 17 self drilling screws.
- R.3 Roof sheeting fixed in accordance with manufacturer's specification for c2 (w50c) wind specification.

S. Steelwork

- S.1 Generally in accordance with AS 4100, as 1554.1 and AS 1538.
- S.2 Unless noted otherwise, the following materials shall be used:
 A) Hot rolled sections grade C300 plus to AS 3679.1
 B) Steel hollow sections grade C350 to AS 1163
 C) Cold formed steel sections grade 450 to AS 1397
 D) Bolts grade 4.6/s to AS 1111 generally and grade 8.8/s to AS 1252
 E) Galvanised bolts to AS 1214
 F) Welding to comply with AS 1554.1
- S.3 Unless noted otherwise use:
 A) 10mm thick cleats, gussets, fins and end plates
 B) All bolts to be galvanised to AS 1214
 C) 6mm continuous fillet welds to AS 1554.1
 D) All structural steelwork galvanised.

TP. Termite protection

- TP1. Termite treatment to be as required by AS 3660.1, the building code of Australia and the Qld master builders association's "home owners guide for termite management".
- TP2. Termite protection generally shall be by termite chemical barriers to building perimeter.
- TP3. Builder to provide access for clear visual inspections to the entire perimeter of the building.
- TP4. A durable notice showing full details of termite treatment used and the date provided to be posted inside the meter box or similar approved location.
- TP5. Owner to maintain access for clear visual inspections and make periodic inspections.

W. Waterproofing

- W.1 Any exposed structural timber which has any area in contact with another material and which will be inaccessible after fixing is to be given a coat of primer before fixing.

ULTIMATE AND SERVICEABILITY LIMIT STATE DESIGN WIND PRESSURES						
WIND CLASSIFICATION	DESIGN GUST WIND SPEED (m/s)		DESIGN PRESSURE FOR WINDOWS (kPa)			
	V _{h,u}	V _{h,s}	GREATER THAN 1.2m FROM CORNERS		UP TO 1.2m FROM CORNERS	
	ULS	SLS	ULS	SLS	ULS	SLS
C2	61	39	2.68	0.88	4.02	1.23

ELEMENT	CLASS AND GRADE	MAX AGG	MAX SLUMP
FOOTINGS	N20	20MM	80MM

TIE DOWN SCHEDULE - TIMBER TRUSSES		UPLIFT RESISTANCE KN ULTIMATE	
TYPE	METHOD	SOFTWOOD (JD4)	HARDWOOD (J2)
TIMBER FRAME/STEEL			
TF 1	TRIPLE GRIP EACH SIDE, 4/2.8 dia NAILS EACH LEG	5.9	8.3
TF 2	30x0.8 STRAP LOOPED UNDER TOP PLATES, 4/2.8 DIA NAILS EACH END	13	13
TF 3	75x8 EA ONE SIDE, M12 TIE-DOWN ROD, M12 BOLT AND WASHER THRU TRUSS NAIL PLATE	16	-
TF 4	75x8 EA ONE SIDE, M12 TIE-DOWN ROD, M16 BOLT AND WASHER THRU TRUSS NAIL PLATE	-	20
TF 5	2/30x0.8 STRAPS LOOPED UNDER TOP PLATES, 4/2.8 dia NAILS EACH END	25	25
TF 6	50x10 EA ONE SIDE, M16 TIE DOWN ROD, 50x3 CAP TIGHT OVER TRUSS, M12 HS BOLT AND WASHER THRU TRUSS NAIL PLATE	23	-
TF 7	50x10 EA ONE SIDE, M16 TIE-DOWN ROD, 50x3 CAP TIGHT OVER TRUSS, M16 BOLT AND WASHER THRU TRUSS NAIL PLATE	-	34
TF 8	50x12 EA ONE SIDE, M16 TIE-DOWN ROD, 50x3 CAP TIGHT OVER <u>MIN DOUBLE TRUSS</u> , M16 HS BOLT AND WASHER THRU TRUSS NAIL PLATES	44	49
TF 9	50x12 EA EACH SIDE WITH M16 TIE-DOWN RODS, 50x3 CAP TIGHT OVER <u>MIN DOUBLE TRUSS</u> , M16 HS BOLT AND WASHER THRU TRUSS NAIL PLATES	-	76
TF 10	50x12 EA EACH SIDE WITH M16 TIE-DOWN RODS, 50x3 CAP TIGHT OVER <u>MIN TRIPLE TRUSS</u> , M16 HS BOLT AND WASHER THRU TRUSS NAIL PLATES	54	-
TF 11	M12 TIE-DOWN ROD EACH SIDE WITH 75x12 OVERPLATE, 25mm MAX CLEARANCE	40	54

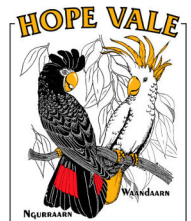
ENGINEER TO CONFIRM

REVIEW

REVISIONS

No.	Description	Date
1	PRIOR EOI ISSUE	29/03/26

DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALING. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EQUIPMENT SIZES AND SET OUT ON SITE PRIOR TO CONSTRUCTION. INCONSISTENCIES SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY. THIS DRAWING IS SUBJECT TO COPYRIGHT AND REMAINS THE PROPERTY OF MYRIAD DESIGN.



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PROJECT NAME:
HOPEVALE ABORIGINAL SHIRE COUNCIL OFFICE - EXTENSION

PROJECT ADDRESS:
REVIEW

CLIENT NAME
HOPEVALE ASC

STRUCTURAL & TPY. NOTES

SCALE 1 : 20
 ISSUE DATE Issue Date

SHEET NUMBER **3001- A602**

ELECTRICAL SERVICES DRAWINGS

SHEET INFORMATION		CURRENT REVISION INFORMATION		
NUMBER	NAME	REV	DESCRIPTION	DATE
E01	LEGEND OF SYMBOLS	P1	PRELIMINARY	27/03/26
E02	SITE PLAN	P1	PRELIMINARY	27/03/26
E03	CABLE ACCESS LAYOUT	P1	PRELIMINARY	27/03/26
E04	POWER AND COMMUNICATIONS LAYOUT	P1	PRELIMINARY	27/03/26
E05	LIGHTING AND FIRE LAYOUT	P1	PRELIMINARY	27/03/26

POWER

SYMBOL	DESCRIPTION
	ELECTRICAL SERVICES SWITCHBOARD. REFER SINGLE LINE DIAGRAM AND SPECIFICATION FOR DETAILS.
	SINGLE SWITCHED SOCKET OUTLET. RATED 10A U.N.O. MOUNT AT 500mm AFFL U.N.O. COLOUR WHITE. CLIPSALE 'PRO' SERIES.
	DOUBLE SWITCHED SOCKET OUTLET. RATED 10A U.N.O. MOUNT AT 500mm AFFL U.N.O. COLOUR WHITE. CLIPSALE 'PRO' SERIES.
	IP56 SINGLE SWITCHED SOCKET OUTLET. RATED 10A U.N.O. MOUNT AT 1000mm AFFL U.N.O. CLIPSALE '56' SERIES.
	IP54 DOUBLE SWITCHED SOCKET OUTLET WITH HINGED FLAP. RATED 10A U.N.O. MOUNT AT 1000mm AFFL U.N.O. COLOUR GREY. CLIPSALE 'WEATHERSHIELD' SERIES.
	IN-CEILING AUTO-SWITCHED SOCKET OUTLET FOR CONNECTION TO EQUIPMENT. COORDINATE FINAL LOCATION ON-SITE WITH RELEVANT TRADE. PURPLE SYMBOL DENOTES SUPPLY FOR MECHANICAL PLANT. TO BE SUPPLIED AND INSTALLED BY ELECTRICAL TRADE. CLIPSALE '413'.
	IP66 SINGLE-PHASE SURFACE ISOLATING SWITCH. RATED 20A U.N.O. COORDINATE ISOLATOR RATING AND MOUNTING HEIGHT WITH RELEVANT TRADE OR ASSOCIATED EQUIPMENT AS APPLICABLE AND MAKE CONNECTION TO EQUIPMENT VIA FLEXIBLE CONDUIT. CLIPSALE '56' SERIES.
	IP66 THREE-PHASE SURFACE ISOLATING SWITCH. RATED 20A U.N.O. COORDINATE ISOLATOR RATING AND MOUNTING HEIGHT WITH RELEVANT TRADE OR ASSOCIATED EQUIPMENT AS APPLICABLE AND MAKE CONNECTION TO EQUIPMENT VIA FLEXIBLE CONDUIT. CLIPSALE '56' SERIES.
	SINGLE-PHASE DIRECT CONNECTION. PROVIDE TAILS AND MAKE DIRECT CONNECTION TO ASSOCIATED EQUIPMENT. COORDINATE FINAL LOCATION ON SITE.
	THREE-PHASE DIRECT CONNECTION. PROVIDE TAILS AND MAKE DIRECT CONNECTION TO ASSOCIATED EQUIPMENT. COORDINATE FINAL LOCATION ON SITE.

CABLE ACCESS

SYMBOL	DESCRIPTION
	UNDERGROUND HDU/PVC POWER CONDUIT. COLOUR ORANGE. REFER SITE PLAN FOR QUANTITY AND SIZE.
	UNDERGROUND PVC COMMUNICATIONS CONDUIT. COLOUR WHITE. REFER SITE PLAN FOR QUANTITY AND SIZE.
	CONDUIT DESIGNATION. REFER SCHEDULES FOR QTY AND SIZE. EC = ELECTRICAL CONDUIT. CC = COMMS CONDUIT
	PRE-CAST CABLE PIT WITH 80kN (CLASS B) REINFORCED CONCRETE LID INDICATING 'POWER' AND CONCRETE SURROUND. REFER SITE PLAN FOR QUANTITY AND SIZE.
	PRE-CAST CABLE PIT WITH 80kN (CLASS B) REINFORCED CONCRETE LID INDICATING 'COMMUNICATIONS' AND CONCRETE SURROUND. REFER SITE PLAN FOR QUANTITY AND SIZE.
	ELECTRICAL SERVICES CABLE TRAY WITH GALVANIZED FINISH WHERE INSTALLED INDOORS AND HOT DIPPED GALVANIZED FINISHED WHERE INSTALLED EXTERNALLY AND SUPPORTED ON TRAPEZE SUSPENSION BRACKETS. PROVIDE SEISMIC RESTRAINTS CERTIFIED BY MANUFACTURER WHERE SUSPENSION EXCEEDS 300mm. REFER TO CABLE TRAY LAYOUT FOR WIDTH. ALL TRAY TO BE 450mm IN WIDTH U.N.O. EYZSTRUIT 'E13' OR APPROVED EQUAL.
	COMMUNICATIONS SERVICES BASKET TRAY WITH GALVANIZED FINISH WHERE INSTALLED INDOORS AND HOT DIPPED GALVANIZED FINISHED WHERE INSTALLED EXTERNALLY AND SUPPORTED ON TRAPEZE SUSPENSION BRACKETS. PROVIDE SEISMIC RESTRAINTS CERTIFIED BY MANUFACTURER WHERE SUSPENSION EXCEEDS 300mm. REFER TO CABLE TRAY LAYOUT FOR WIDTH. ALL TRAY TO BE 450mm IN WIDTH U.N.O. EYZSTRUIT 'EZY MESH' OR APPROVED EQUAL.

COMMUNICATIONS

SYMBOL	DESCRIPTION
	FREE-STANDING COMMUNICATIONS EQUIPMENT RACK. PROVIDE THE RACK, F0B0T, RJ45 CAT-6A PATCH PANEL DISTRIBUTION FRAMES, CABLE MANAGEMENT WITH SPACE FOR CLIENT SUPPLIED ACTIVE EQUIPMENT. REFER SCHEMATICS.
	SINGLE RJ45 CAT-6A SHUTTERED COMMUNICATIONS OUTLET CABLED BACK TO THE COMMUNICATIONS RACK. MOUNT AT 500mm AFFL U.N.O. CLIPSALE 'PRO' SERIES.
	SINGLE RJ45 CAT-6A COMMUNICATIONS OUTLET FOR WIRELESS ACCESS POINT CABLED BACK TO COMMUNICATIONS RACK. CEILING MOUNTED U.N.O. CLIPSALE 'PRO' SERIES.
	DUAL RJ45 CAT-6A SHUTTERED COMMUNICATIONS OUTLET CABLED BACK TO THE COMMUNICATIONS RACK. MOUNT AT 500mm AFFL U.N.O. CLIPSALE 'PRO' SERIES.

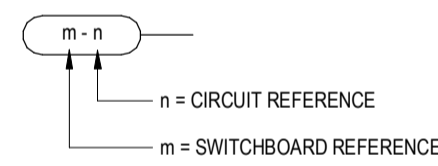
FANS, LIGHTING AND FAN CONTROL

SYMBOL	DESCRIPTION
	CF-1 THREE-BLADE 1570mm DIAMETER CEILING FAN. MOUNT FANS BLADES AT NO LESS THAN 2400mm AFFL. COLOUR TO BE COORDINATED WITH ARCHITECT. VENTAIR SPYDA AC.
	ROTARY FAN SWITCH MOUNTED AT 1000mm AFFL U.N.O. NO MORE THAN TWO FAN CONTROLLERS TO BE MOUNTED ON A SINGLE PLATE. FINISH COLOUR WHITE. TYPE: CLIPSALE 'PRO' SERIES.
	ONE-WAY LIGHT SWITCH. MOUNT UP TO THREE ADJACENT SWITCH MECHANISMS IN A MULTI-GANG SWITCH PLATE. RATING 10A U.N.O. MOUNT AT 1000mm AFFL U.N.O. CLIPSALE 'PRO' SERIES.
	ROTARY DIMMER SWITCH AND ASSOCIATED LIGHT SWITCH. RATING 10A U.N.O. MOUNT AT 1000mm AFFL U.N.O. CLIPSALE 'PRO' SERIES.
	TWO-WAY LIGHT SWITCH. MOUNT UP TO THREE ADJACENT SWITCH MECHANISMS IN A MULTI-GANG SWITCH PLATE. RATING 10A U.N.O. MOUNT AT 1000mm AFFL U.N.O. CLIPSALE 'PRO' SERIES.
	SP-n LIGHTING CONTROL SWITCH PANEL. INCORPORATE MULTIPLE SWITCH PLATE WITHIN A RECESSED STAINLESS STEEL PANEL. PROVIDE SWITCHING IN BANKS AS INDICATED AND A MASTER 'OFF' SWITCH FOR ALL LIGHTS AND FANS. MOUNTED AT 1000mm AFFL U.N.O. CLIPSALE 'MODEL' TBC.
	360 DEGREE CEILING MOUNTED PIR OCCUPANCY CONTROLLER WITH INTEGRATED TIMER. TYPE: CLIPSALE INFRASCAN 3 WIRE 753R' OR APPROVED EQUAL.
	PE PHOTO ELECTRIC CELL - DAYLIGHT SENSOR. CLIPSALE 'SUNSET SWITCH'.

SECURITY

SYMBOL	DESCRIPTION
	RS DOOR REED SWITCH
	KP SECURITY SYSTEM ARMING / DISARMING KEYPAD. MOUNTED AT 1400mm AFFL U.N.O.
	180 DEG DUAL TECHNOLOGY MOVEMENT SENSOR - WALL MOUNTED.
	SECURITY ALARM SCREAMER. SURFACE CEILING OR WALL MOUNT AT HIGH LEVEL AS INDICATED AND CABLE TO SECURITY SYSTEM.

CIRCUIT REFERENCES

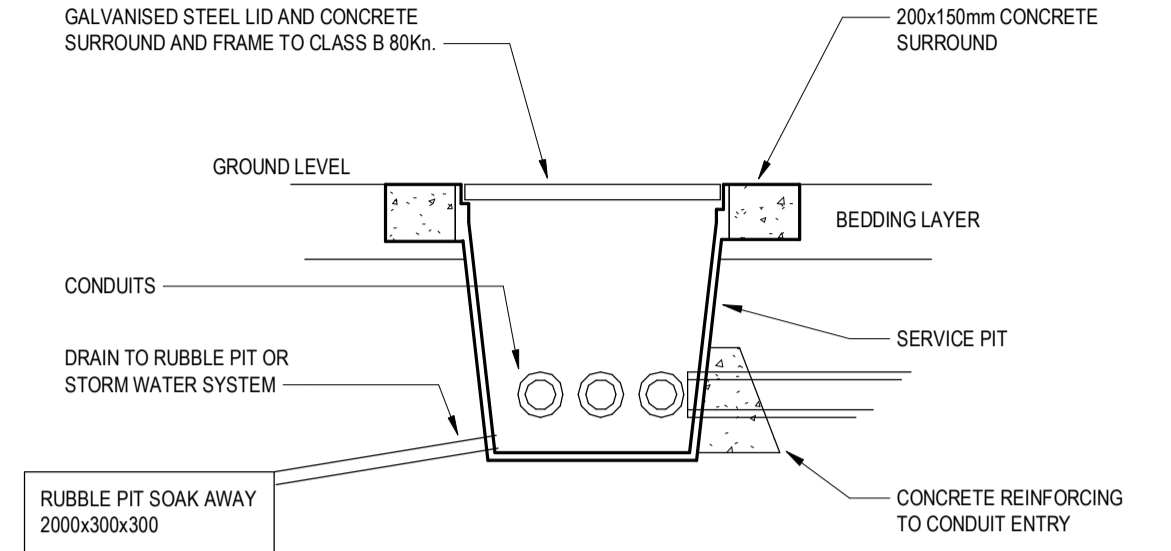


ABBREVIATIONS

---	CIRCUIT LINE	HWU	HOT WATER UNIT
- - -	SWITCHING LINE	RM	ROOF MOUNTED
(eg. 1500)	NUMBER DENOTES MOUNTING HEIGHT AFFL (TO CENTRE)	SEC	SECURITY EQUIPMENT
AB	MOUNTED 200mm ABOVE BENCH TO CENTRE	SUS	SUSPENDED
AB	ABOVE FINISHED FLOOR LEVEL	T	TELEPHONE
BB	MOUNTED 300mm BELOW BENCH TO CENTRE	TV	TELEVISION
CM	CEILING MOUNTED ADJACENT EQUIPMENT SHOWN	U.N.O.	UNLESS NOTED OTHERWISE
CS	CEILING SPACE	WM	WALL MOUNTED
CU	CONDENSER UNIT	WAP	WIRELESS ACCESS POINT EQUIPMENT
EF	EXHAUST FAN		
FCU	FAN COIL UNIT		

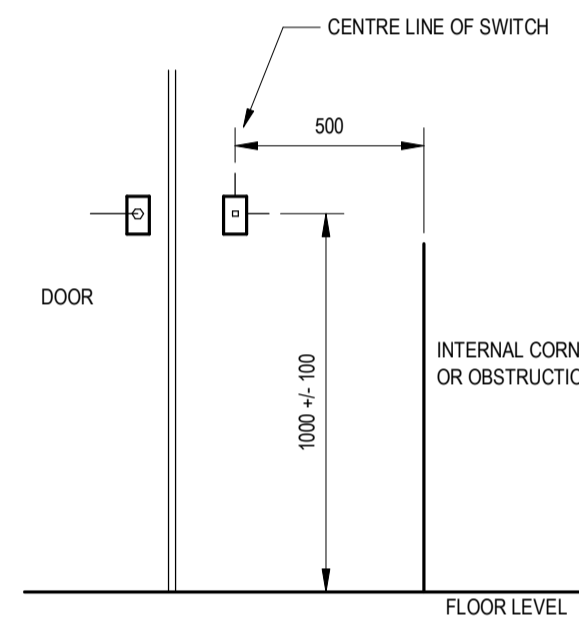
NOTES

- SERVICES DUCTS ARE TO BE COORDINATED WITH OTHER TRADES PRIOR TO CONSTRUCTION.
- SEAL ALL CONDUITS, SLABS, WALLS AND CEILING PENETRATIONS TO PREVENT THE INGRESS OF WATER AND VERMIN.
- LABEL EACH GENERAL PURPOSE OUTLET USING CLIPSALE PRO SERIES PROPRIETARY LABELLING SYSTEM TO INDICATE THE CIRCUIT ORIGIN (SWITCHBOARD AND CIRCUIT BREAKER NUMBER).
- LABEL EACH TELECOMMUNICATIONS OUTLET USING CLIPSALE PRO SERIES PROPRIETARY LABELLING SYSTEM TO INDICATE THE CIRCUIT ORIGIN (COMMS RACK NAME, PATCH PANEL AND PORT NUMBER).
- FOR EDUCATION PROJECTS ONLY** - LABEL EACH POWER OUTLET AND LIGHT SWITCH WITH IPA STUDS PRESSED INTO THE OUTLET FACE TO INDICATE THE CIRCUIT ORIGIN (ie. SWITCHBOARD AND CIRCUIT BREAKER NUMBER).
- LABEL EACH ISOLATOR VIA ENGRAVED TRAFOLYTE LABEL. FIXED TO THE ISOLATOR BODY VIA MANUFACTURER APPROVED SOLVENT GLUE TO INDICATE THE CIRCUIT ORIGIN (ie. SWITCHBOARD AND CIRCUIT BREAKER NUMBER).
- LABEL EACH TELECOMMUNICATIONS OUTLET TO INDICATE THE CIRCUIT ORIGIN (ie. COMMS RACK NAME, PATCH PANEL AND PORT NUMBER).
- MOUNT ALL LIGHT SWITCH AND FAN MECHANISM etc PLATES IN VERTICAL ORIENTATION. MOUNT ALL GPOs, ISOLATING SWITCHES, COMMS, etc IN HORIZONTAL ORIENTATION.
- WHERE SPECIFIED PROVIDE SLAB CONDUITS TO PROVIDE ACCESS FOR POWER AND DATA TO ISLAND DESKS.
- ALL WIRING TO BE CONCEALED IN EXPOSED HIGH CEILING AREAS.
- PROVIDE OUTLETS (COMMS, POWER AND SECURITY) AS PER ROOM DATA SHEETS.**



SERVICE PIT DETAIL

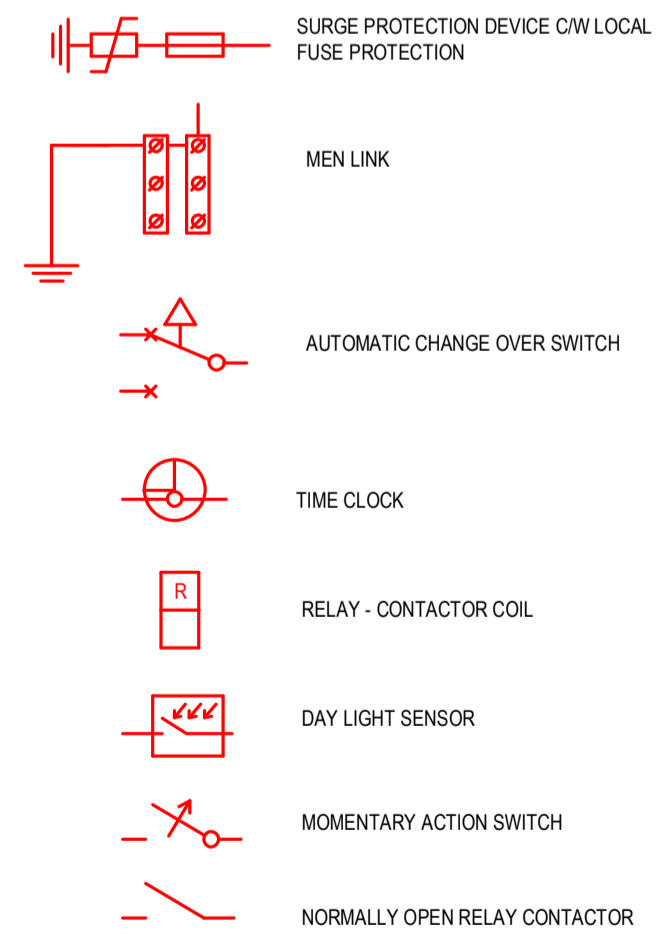
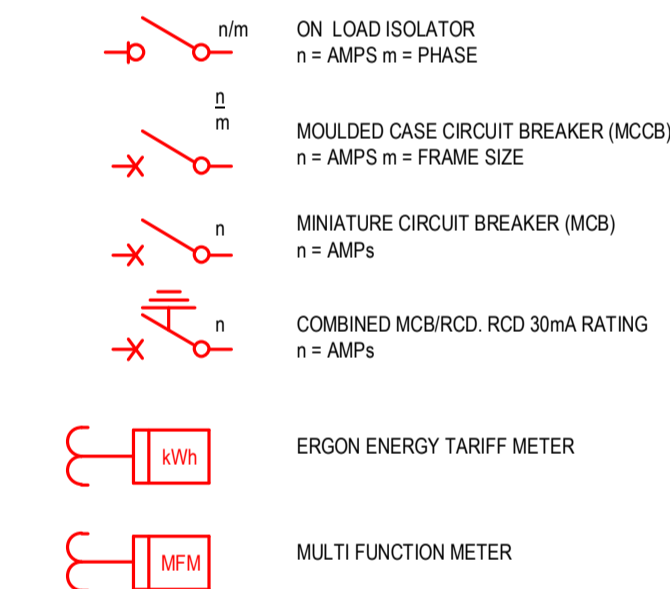
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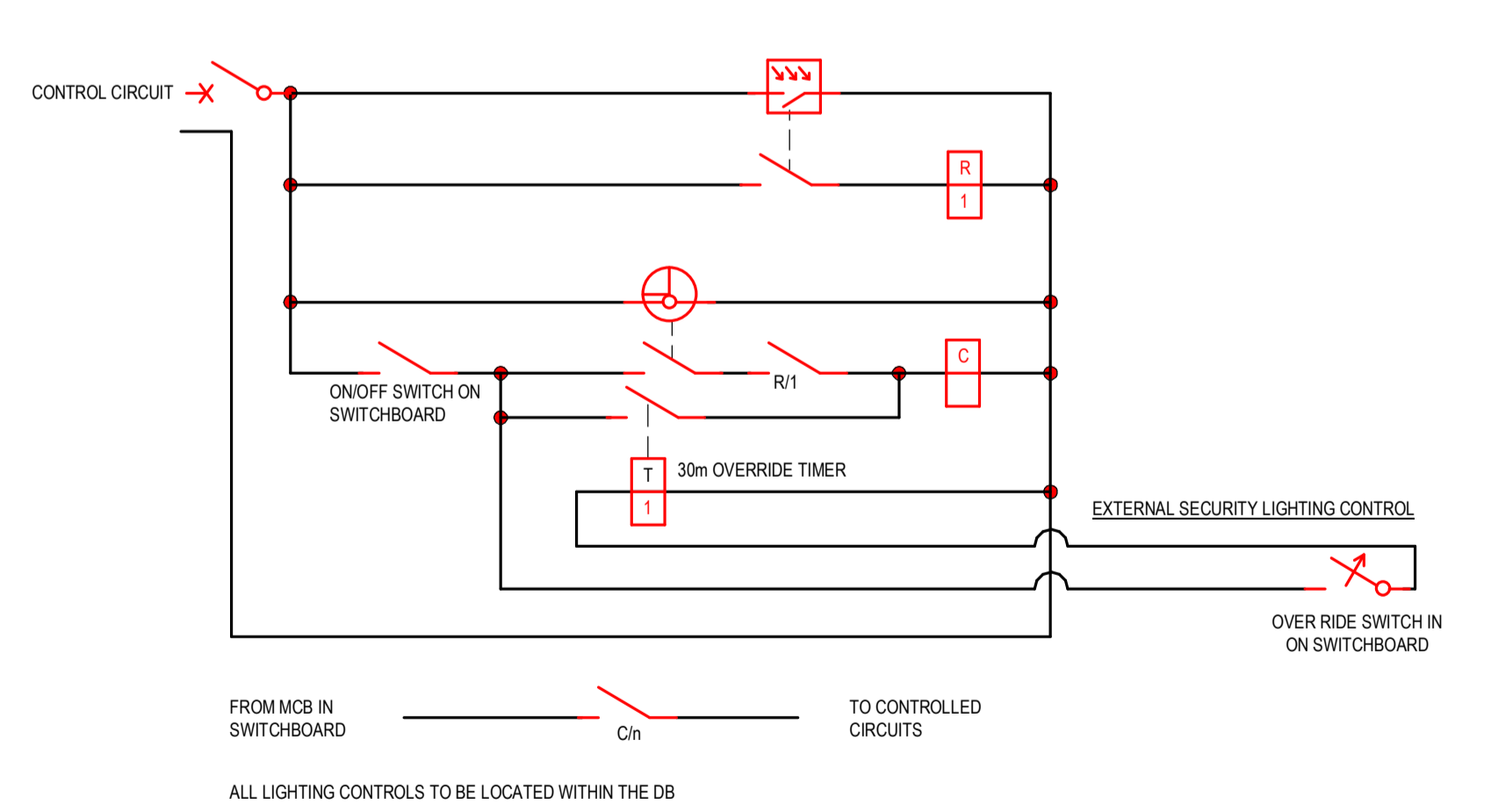
IN ACCORDANCE WITH AS1428.1 LIGHT SWITCHES AND CONTROLS ON ACCESSIBLE PATHS OF TRAVEL EXCLUDING GPOs TO BE LOCATED. BETWEEN 900 AND 1100mm ABOVE FLOOR LEVEL. NOT LESS THAN 500mm FROM INTERNAL CORNERS

ACCESS LIGHT SWITCH LOCATIONS

SCALE 1:20



SCHEMATIC LEGEND



SCHEMATIC

EXTERNAL LIGHTING CONTROL

NOT TO SCALE

DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC

myriad

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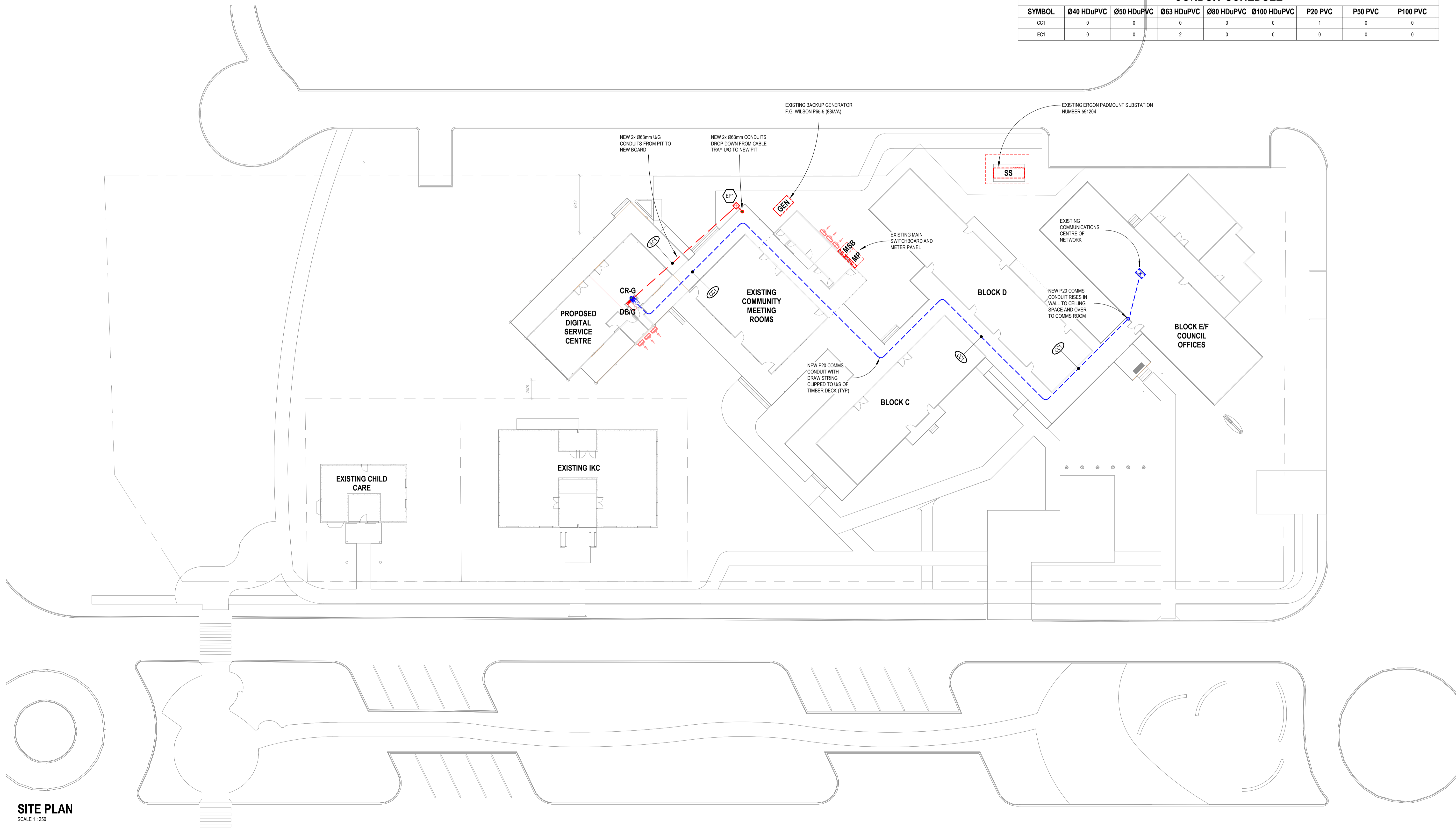
DRAWN: HCE	PROJECT START DATE: MAR 2026
CHECKED: MH	
APPROVED: MH	

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE:		PROJECT No:		DRAWING No:		REV:	
ELECTRICAL SERVICES LEGEND OF SYMBOLS		J000270		E01		P1	

ELECTRICAL PIT SCHEDULE							
PIT I.D.	LENGTH (mm)	WIDTH (mm)	DEPTH (mm)	TYPE	PIT LID CLASS	QTY	
EP1	667	667	915	PRE-CAST POLYURETE PIT	B	1	

CONDUIT SCHEDULE								
SYMBOL	Ø40 HDuPVC	Ø50 HDuPVC	Ø63 HDuPVC	Ø80 HDuPVC	Ø100 HDuPVC	P20 PVC	P50 PVC	P100 PVC
CC1	0	0	0	0	0	1	0	0
EC1	0	0	2	0	0	0	0	0



SITE PLAN
SCALE 1 : 250

DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC



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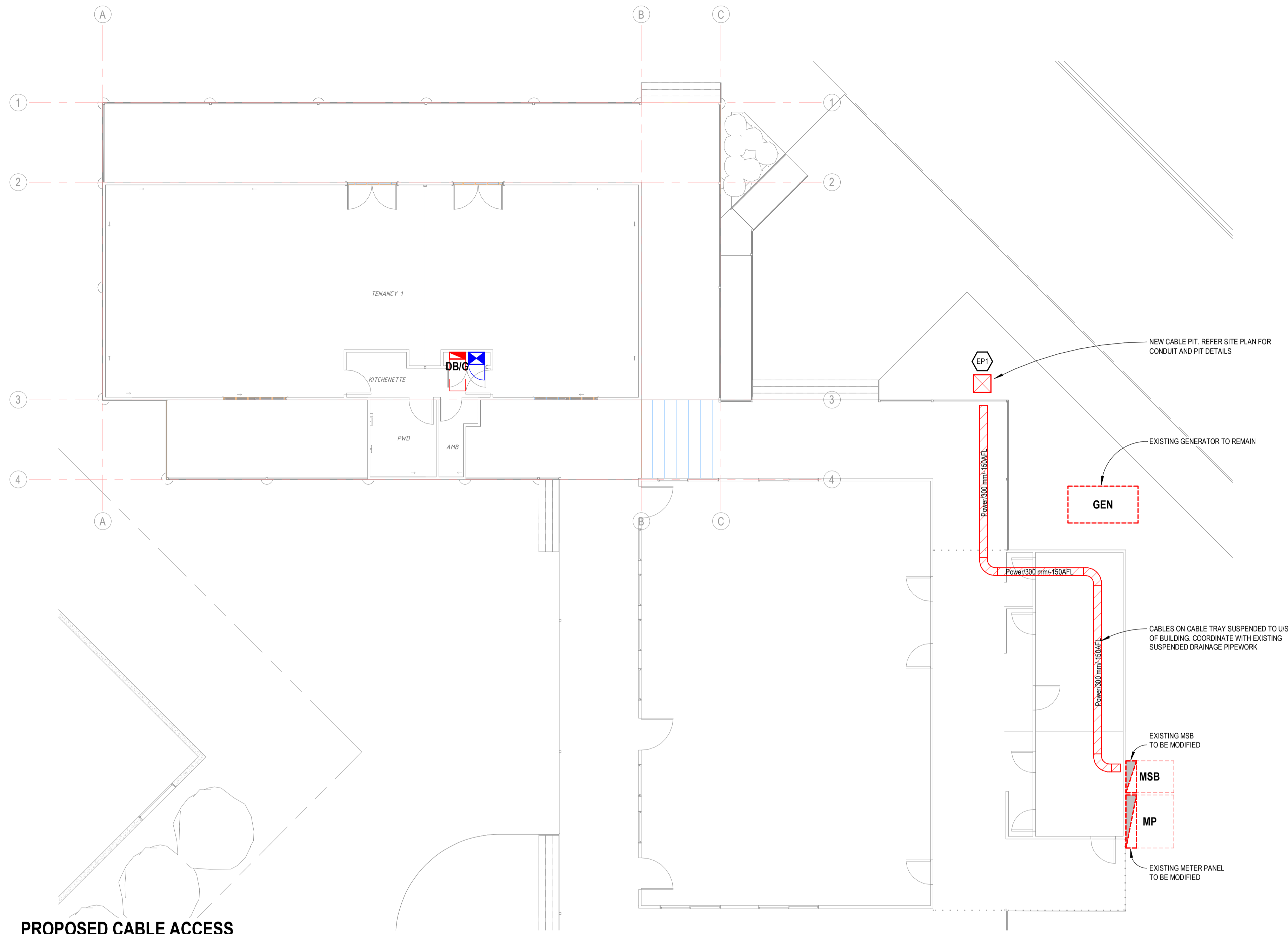
PROJECT START DATE: MAR 2026
NORTH

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: ELECTRICAL SERVICES SITE PLAN
SCALE @ A1: 1 : 250

PROJECT No: J000270

DRAWING No: E02
REV: P1



PROPOSED CABLE ACCESS
SCALE 1:100

NEW CABLE PIT. REFER SITE PLAN FOR CONDUIT AND PIT DETAILS

EXISTING GENERATOR TO REMAIN

GEN

CABLES ON CABLE TRAY SUSPENDED TO US OF BUILDING. COORDINATE WITH EXISTING SUSPENDED DRAINAGE PIPEWORK

EXISTING MSB TO BE MODIFIED

MSB

MP

EXISTING METER PANEL TO BE MODIFIED

C:\Users\hce\Documents\030720\HOPEVALE\ME\MODELS\HOPEVALE\ME\DWG\E03.dwg

DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

DRAWING STATUS: **PRELIMINARY**

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC



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DRAWN: HCE	PROJECT START DATE: MAR 2026
CHECKED: MH	NORTH:
APPROVED: MH	

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: ELECTRICAL SERVICES CABLE ACCESS LAYOUT	
SCALE @ A1: 1:100	PROJECT No: J000270
DRAWING No: E03	REV: P1

MECHANICAL SERVICES DRAWINGS				
SHEET INFORMATION		CURRENT REVISION INFORMATION		
NUMBER	NAME	REV	DESCRIPTION	DATE
M01	LEGEND, SCHEDULES AND NOTES	P1	PRELIMINARY	27/03/26
M02	HVAC LAYOUT	P1	PRELIMINARY	27/03/26
M03	REFLECTED CEILING PLAN	P1	PRELIMINARY	27/03/26

LEGEND - GENERAL

SYMBOL	DESCRIPTION
	DENOTES UN-INSULATED DUCTWORK
	DENOTES DUCTWORK INTERNALLY INSULATED TO A REQUIRED BCA MATERIAL R-VALUE OF 1.2. CW PERFORATED REINFORCED ALUMINIUM FOIL FACING.
	DENOTES DUCTWORK INTERNALLY INSULATED TO A REQUIRED BCA MATERIAL R-VALUE OF 2.0. CW PERFORATED REINFORCED ALUMINIUM FOIL FACING.
	WALL MOUNTED AIR CONDITIONING FAN COIL UNIT. REFER SCHEDULE AND SPECIFICATION.
	WALL MOUNTED AIR CONDITIONING CONDENSING UNIT. REFER SCHEDULE AND SPECIFICATION.
	DENOTES CIRCULAR FLEXIBLE DUCTWORK WITH AIRPATH SIZE AS PER SCHEDULE. EXTERNAL INSULATION FOR AIR CONDITIONING DUCTS AS FOLLOWS- LENGTH <3m R1.5, LENGTH >=3M-6M AS PER BCA SPECIFICATION J5.2 TABLE 3. MINIMUM FIRE PROTECTION RATING 0.0.3. WESTAFLEX (UNIFLEX) UNILOK-S OR EQUAL.
	DENOTES ACOUSTIC FLEXIBLE DUCTWORK (ALL OTHER PROPERTIES AND REQUIREMENTS AS PER STANDARD FLEXIBLE DUCTWORK)
	EXHAUST, RETURN & SUPPLY AIR GRILLE CW 50mm INSULATION.
	MECHANICAL SERVICES CONTROL STATION.
	TEMPERATURE SENSOR.
	DENOTES TUNDISH / DRAIN POINT PROVIDED AS ASSOCIATED WORKS.
	REFRIGERANT PIPEWORK AND ELECTRICAL WIRING ROUTE. ELECTRICAL WIRING TO BE SUPPORTED INDEPENDENTLY FROM PIPE WORK.
	CONDENSATE PIPE ROUTE UNO. PIPEWORK TO BE INSULATED AS SCHEDULED.
	SINGLE PHASE ISOLATOR PROVIDED AS ASSOCIATED WORKS.
	THREE PHASE ISOLATOR PROVIDED AS ASSOCIATED WORKS.
	SINGLE PHASE POWER OUTLET WITHIN CEILING PROVIDED AS ASSOCIATED WORKS.
	NOMINAL 600x600 CLEAR OPENING (UNO) ACCESS PANEL PROVIDED AS ASSOCIATED WORKS. WHEN SHOWN IN T-BAR CEILING DENOTES SERVICES FREE ZONE ON TILE AND ABOVE.
	DENOTES GRILLE DESIGNATION (REFER SCHEDULE)
	DENOTES DESIGN AIRFLOW
	DOOR RELIEF GRILLE. REFER TO SCHEDULE FOR SIZE.

LEGEND - TEXT STYLES

SYMBOL	DESCRIPTION
	ARCHITECTURAL ROOM NAMES
	GENERAL TEXT NOTES / SCHEDULES
	BUILDERS AND ASSOCIATED WORKS
	DESIGN INTENT NOTE
	COORDINATION NOTES
	IDENTITY LABELS
	VIEW TITLES, SCHEDULE HEADERS

FLEXIBLE DUCT SCHEDULE		
DUCT DIAMETER (mm)	SUPPLY, RETURN OR EXHAUST AIR QUANTITY (L/s)	TRANSFER AIR QUANTITY (L/s)
150	0 - 35	-
200	36 - 100	0 - 60
250	101 - 150	61 - 100
300	151 - 250	101 - 175
350	251 - 350	176 - 240
400	351 - 500	241 - 310

DOOR GRILLE SCHEDULE			
AIR QUANTITY RANGE (L/s)	DIMENSION (mm)	REF	TYPE / COMMENT
0 - 90	600 x 150	A	
91 - 110	600 x 200	B	
111 - 130	600 x 250	C	FULL CHEVRON.
131 - 170	600 x 300	D	SUPPLY BY MECH.
171 - 250	600 x 450	E	INSTALL BY BUILDER.
251 - 325	600 x 600	F	
326 - 500	600 x 900	G	
501 - 700	600 x 1200	H	

NOTES - GENERAL

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NCC2022 AND AS1688.2. SUCCESSFUL CONTRACTOR MUST BE FAMILIAR WITH THESE DOCUMENTS.
- THE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE SPECIFICATION. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATION MUST BE RAISED PRIOR TO THE CLOSE OF TENDERS. ANY VARIATION CLAIMS RAISED AFTER CLOSE OF TENDERS DUE TO DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATION WILL BE REJECTED.
- ALL DUCT SIZES REPRESENT FREE AIR PATH DIMENSIONS WITH SEEN DIMENSIONS SHOWN FIRST
- CONSTRUCT ALL DUCTWORK TO AUSTRALIAN STANDARDS AS 4254.
- COORDINATE ALL MECHANICAL SERVICES PENETRATIONS WITH ALL ASPECTS OF THE WORKS INCLUDING, BUT NOT LIMITED TO, NOMINATING ALL PENETRATION SIZES AND LOCATIONS.
- ALL EXPOSED REFRIGERANT PIPEWORK, CONDENSATE PIPEWORK AND ELECTRICAL WIRING TO BE CONCEALED WITHIN COLOURBOND COVERS OF COLOUR TO MATCH ADJACENT SURFACES.
- COORDINATE ALL NEW WORKS WITH ALL ASPECTS OF THE NEW AND EXISTING WORKS
- OBSERVE VOLTAGES / PHASES NOMINATED IN THE SCHEDULES FOR AIR CONDITIONING SYSTEMS.
- ALTERNATIVES MAY BE OFFERED TO THE SCHEDULED EQUIPMENT MAKE AND MODEL, PROVIDED THEY MEET THE DESIGN INTENT IN ALL OTHER RESPECTS. THE COST IMPLICATIONS OF ANY ALTERNATIVES OFFERED SHALL BE THE RESPONSIBILITY OF THE TENDERER, INCLUDING CONSULTANT'S FEES FOR REVIEW AND ANY REDESIGN.
- CONDENSATE DRAINS FROM WALL MOUNTED FCUs SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS i.e. DROP VERTICALLY IN STUD WALL TO US OF FLOOR LEVEL THEN CONTINUOUSLY GRADED TO A WASTE POINT.
- CONDENSATE DRAIN INSULATION SHALL BE MINIMUM 19mm THICK. WHERE PVC PIPES ARE USED FOR CONDENSATE DRAINS PROVIDE SUFFICIENT SUPPORTS TO PREVENT SAGGING.
- HANG CONDENSING UNITS ON GALVANISED UNISTRUT BRACKETS PROVIDED BY MECHANICAL TRADE. ISOLATE FEET FROM STRUCTURE WITH RESILIENT ANTI-VIBRATION PADS.
- PROVIDE TRAFFOLYTE LABELS TO ALL MECHANICAL EQUIPMENT. REFER SPECIFICATION FOR DETAILS.
- MANUFACTURERS PRODUCT CODES, WHERE NOMINATED, ARE QUOTED FOR CONVENIENCE ONLY. WHERE THE WRITTEN DESCRIPTION FOR THE NOMINATED PRODUCT DIFFERS FROM THE PRODUCT CODE NOMINATED, THE WRITTEN DESCRIPTION SHALL TAKE PRECEDENCE OVER THE PRODUCT CODE. AN INCORRECTLY NOMINATED PRODUCT CODE SHALL NOT BE ACCEPTED AS JUSTIFICATION OF A VARIATION CLAIM.
- THESE DRAWINGS INDICATE DESIGN INTENT ONLY. THE MECHANICAL CONTRACTOR SHALL TAKE THE LEADING ROLE IN COORDINATING THE MECHANICAL SERVICES INSTALLATION WITH ALL OTHER ASPECTS OF THE WORKS. ENSURE COMPLETELY COORDINATED WORKSHOP DRAWINGS ARE PREPARED, FORWARDED AND APPROVED PRIOR TO COMMENCING ANY WORKS.

ABBREVIATIONS

AC	AIR-CONDITIONING	MECH	MECHANICAL
AFEL	ABOVE FINISHED FLOOR LEVEL	NAT	NATURAL (VENTILATION)
BCA	BUILDING CODE OF AUSTRALIA	NCC	NATIONAL CONSTRUCTION CODE
BDD	BACK DRAFT DAMPER	NRD	NON RETURN DAMPER
CHB	CUSHION HEAD BOX	N.T.S.	NOT TO SCALE
CLS	CEILING	CA	OUTSIDE AIR
CL	CENTRE LINE	ODD	OPPOSED BLADE DAMPER
CW	COMPLETE WITH	RL	RELATIVE LEVEL
CU	CONDENSING UNIT	SA	SUPPLY AIR
EXH	EXHAUST	UNO	UNLESS NOTIFIED OTHERWISE.
FCU	FAN COIL UNIT	US	UNDERSIDE.
HDG	HOT DIPPED GALVANISED	VCD	VOLUME CONTROL DAMPER
L/s	LITRES PER SECOND		

THESE DRAWINGS INDICATE DESIGN INTENT ONLY. THE MECHANICAL CONTRACTOR SHALL TAKE THE LEADING ROLE IN COORDINATING THE MECHANICAL SERVICES INSTALLATION WITH ALL OTHER ASPECTS OF THE WORKS. ENSURE COMPLETELY COORDINATED WORKSHOP DRAWINGS ARE PREPARED, FORWARDED AND APPROVED PRIOR TO COMMENCING ANY WORKS.

NOTES - REFRIGERANT PIPE INSULATION

FOR THE INSTALLATION OF AIR CONDITIONING AND REFRIGERATION SYSTEM PIPEWORK

- INSULATE ALL REFRIGERANT PIPEWORK WITH ELECTRON BEAM CROSS LINKED POLYOLEFIN FOAM WITH 9µm REINFORCED FOIL "THERMOBREAK" OR EQUIVALENT. MINIMUM THICKNESS SHALL BE 25mm FOR NORMAL OPERATION AND 35mm FOR PLANT OPERATING 24/7.
- SILICON SEAL EXPOSED ENDS OF INSULATION AT THE TERMINATION OF PIPES AT EVAPORATOR & CONDENSER TO ENSURE VAPOUR SEAL. SEALANT IS TO BE APPROVED FOR USE BY THE INSULATION MANUFACTURER.
- SEAL INSULATION LONGITUDINAL AND BUTT JOINTS WITH COMPATIBLE ADHESIVE AND SUITABLE REINFORCED ALUMINIUM FOIL TAPE. BOTH THE ADHESIVE AND FOIL TAPE MUST BE APPROVED BY THE INSULATION MANUFACTURER.
- PROVIDE ADDITIONAL REINFORCED ALUMINIUM FOIL TAPE TO BUTT JOINTS (ENSURE THERE IS NO INSULATION COMPRESSION).
- FOR PIPE TEMPERATURES <2°C, ENSURE A SUITABLE VAPOUR SEALANT IS APPLIED TO THE PIPE PRIOR TO INSTALLING THE INSULATION. ENSURE THE VAPOUR SEALANT AND INSULATION IS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- SUPPORT PIPE 100mm CLEAR OF ANY BUILDING ELEMENTS (E.G. TRUSS MEMBERS & CEILINGS).
- MAINTAIN 20mm MINIMUM AIR SPACE BETWEEN INSULATED PIPES.
- ENSURE THAT INSULATION WALL THICKNESS IS NOT COMPROMISED AT BENDS AND THAT SLITS AND JOINTS ARE GLUED AND VAPOUR SEALED. ADHESIVE TAPE AND CABLE TIES SHALL NOT COMPRESS THE INSULATION WALL THICKNESS. SUPPORT INSULATED PIPES WITH PVC SLEEVES SIZED TO LIMIT THE COMPRESSIVE STRESS ON THE INSULATION TO THAT RECOMMENDED BY THE INSULATION MANUFACTURER.
- SUCTION & LIQUID LINES SHALL BE SEPARATELY INSULATED. LIQUID LINES CARRYING WARM UNEXPANDED LIQUID UPSTREAM OF THE EXPANSION DEVICE SHALL BE INSULATED WHEN PASSING THROUGH AREAS WHERE THE PIPE TEMPERATURE IS LESS THAN THE SURROUNDING AMBIENT TEMPERATURE.
- THE SUGGESTED INSULATION TYPE AND THICKNESS IS INTENDED AS A GUIDE TO ASSIST IN THE SELECTION OF A SUITABLE INSULATION PRODUCT. CONTRACTORS MAY FORWARD ALTERNATIVES FOR APPROVAL BUT THE ALTERNATIVES MUST MEET THE REQUIREMENTS OF THE NCC2022 AND OFFER EQUAL OR BETTER PERFORMANCE THAN THE SUGGESTED INSULATION MATERIAL.
- PRE-INSULATED WHITE "PAIR COIL" WILL NOT BE ACCEPTED.

INDOOR UNIT AIR CONDITIONER SCHEDULE

- NOTE:
1. EQUIPMENT POWER SUPPLY TO BE INSTALLED ADJACENT TO EQUIPMENT (NOT ON EQUIPMENT).
2. COMPLIANCE WITH NCC2022 SECTION J PART6 4(b)(i)(ii) AND J6.4(d)(i) CHECKED BY MANUFACTURER (WHERE APPLICABLE).

REF	DESCRIPTION	AREA SERVED	MAKE	MODEL	PERFORMANCE CRITERION		POWER SUPPLY			ACCESSORIES / COMMENTS		
					GTH (kW)	TSH (kW)	AIR ON COIL (°C)	V	FLA		kWe	Wi-Fi
FCU-1.1	RECESSED 4 WAY BLOW CEILING CASSETTE	TENANCY 1	PANASONIC	S-6071PL3H / U-71PR1H5	6.2	5.3	24.0 / 16.1	230	17.5	1.88		BLYGOLD CONDENSER TREATMENT
FCU-1.2	RECESSED 4 WAY BLOW CEILING CASSETTE	TENANCY 1	PANASONIC	S-6071PL3H / U-71PR1H5	6.2	5.3	24.0 / 16.1	230	17.5	1.88		BLYGOLD CONDENSER TREATMENT
FCU-2	RECESSED 4 WAY BLOW CEILING CASSETTE	TENANCY 2	PANASONIC	S-100PL3H / U-100PZ3H5	8.8	7.5	24.0 / 16.1	230	27.9	2.62		BLYGOLD CONDENSER TREATMENT

FAN SCHEDULE

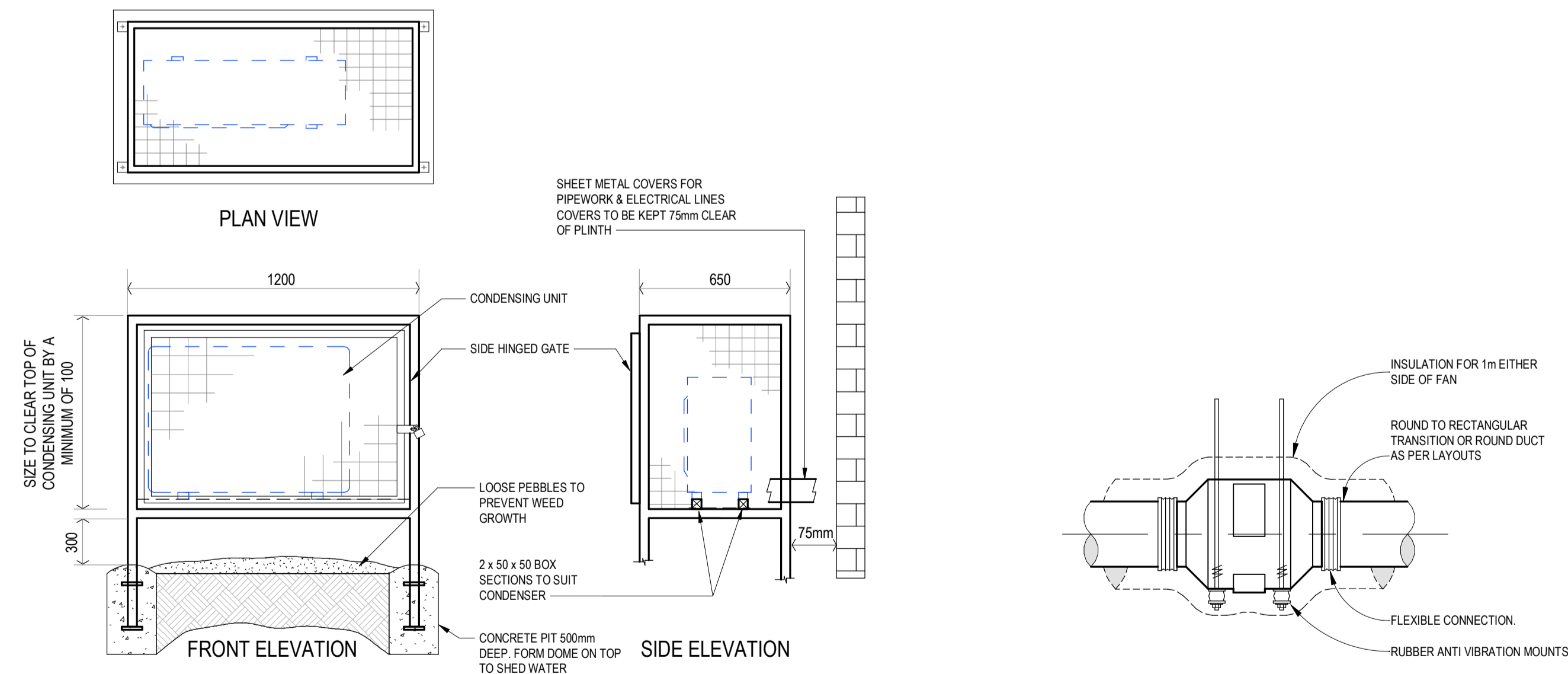
- NOTE:
1. EQUIPMENT POWER SUPPLY TO BE INSTALLED ADJACENT TO EQUIPMENT (NOT ON EQUIPMENT).
2. PROVIDE SPEED CONTROLLER (VSD FOR 3 PHASE FANS) TO ALL VENTILATION FANS FOR COMMISSIONING. LOCATE ADJACENT FAN ACCESS POINT UNLESS NOTED OTHERWISE.
3. MECHANICAL TRADE TO SUPPLY AND INSTALL NECESSARY HARDWARE (i.e. INTERFACE CARDS, RELAYS, CABLING, etc) TO INTERLOCK OPERATION WITH BUILDING SECURITY SYSTEM.
4. COMPLIANCE WITH NCC2022 SECTION J PART6 4(b)(i)(ii) CHECKED USING MANUFACTURER SELECTION SOFTWARE (WHERE APPLICABLE).

REF	DESCRIPTION	AREA SERVED	MAKE	MODEL	PERFORMANCE CRITERION			POWER SUPPLY				COMMENTS	
					AIR QTY (L/s)	ESP (Pa)	SPL (dB)	V	FLA	START	kWe		
EF-1	MIXED FLOW IN-LINE	PWD	FANTECH	JETLINE-150ECO	75	100		230					CW 10min RUN-ON TIMER
EF-2	MIXED FLOW IN-LINE	AMB	FANTECH	JETLINE-150ECO	30	100		230					CW 10min RUN-ON TIMER

GRILLE & DIFFUSER SCHEDULE

- NOTE:
1. COLOUR TO ALIGN WITH ARCHITECTURAL FINISHES SCHEDULE. CONTRACTOR TO CONFIRM COLOURS PRIOR TO ORDER.
2. LINEAR SLOT SUPPLY AIR GRILLES AND JET DIFFUSERS TO BE PROVIDED WITH HEAT TRACE ELEMENTS TO MANAGE RISK OF CONDENSATION.

REF	SHAPEAIR / HOLYOAKE EXAMPLE 'OR EQUAL'	NECK SIZE	MAX DESIGN PRESS. (Pa)	BALANCE DAMPER	CUSHION HEAD BOX	COLOUR	COMMENTS
E1	CIRCULAR GRILLE (ECO-M)	Ø150	43	Yes	No	WHITE	ADJUSTABLE CORE
E2	CIRCULAR GRILLE (ECO-M)	Ø200	50	Yes	No	WHITE	ADJUSTABLE CORE
E3	EGGGRATE GRILLE (EC-12S)	175 X 175	15	Yes	No	WHITE	REMOVABLE CORE



CONDENSER ENCLOSURE TYPICAL DETAIL - POSTS

SCALE N.T.S.

TYPICAL IN-LINE FAN DETAIL

VERTICAL OR HORIZONTAL

SCALE 1 : 10

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DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC

DRAWING STATUS: **PRELIMINARY**

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DRAWN: HCE
CHECKED: MH
APPROVED: MH

PROJECT START DATE: MAR 2026

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: MECHANICAL SERVICES LEGEND, SCHEDULES AND NOTES

SCALE @ A1: PROJECT No: J000270 DRAWING No: M01 REV: P1

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DRAWN: HCE
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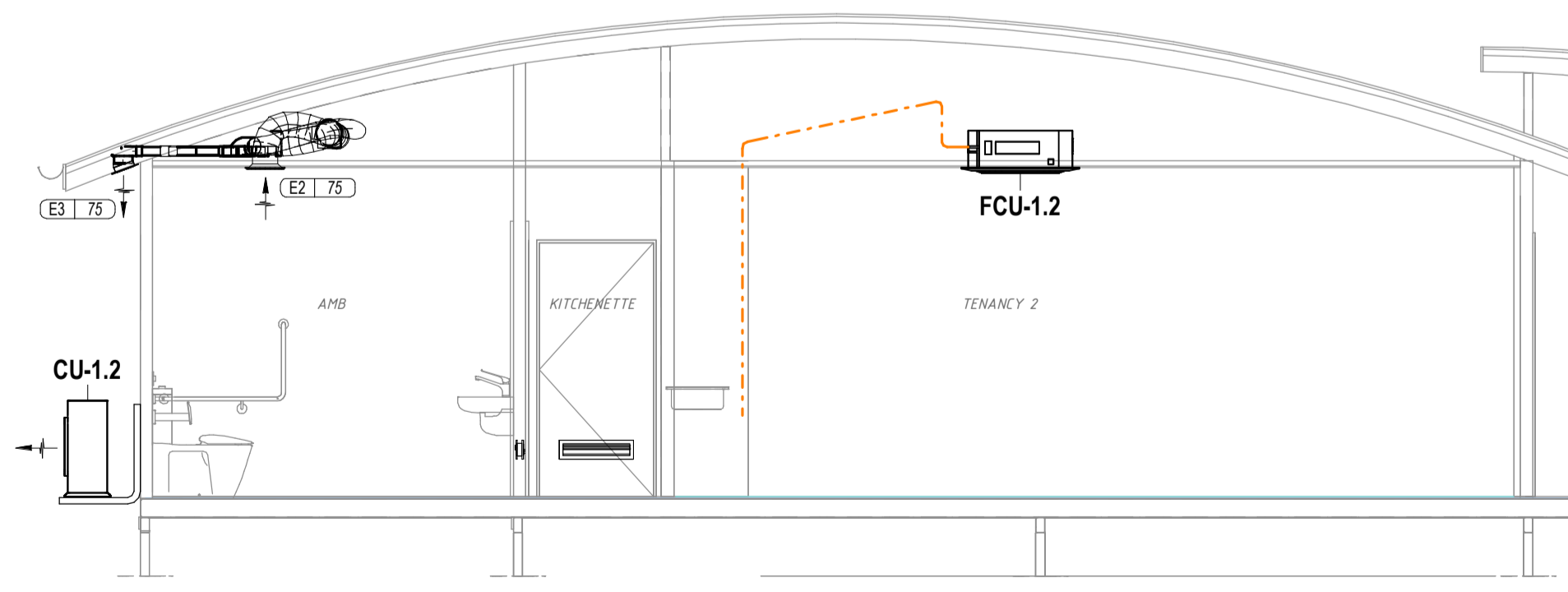
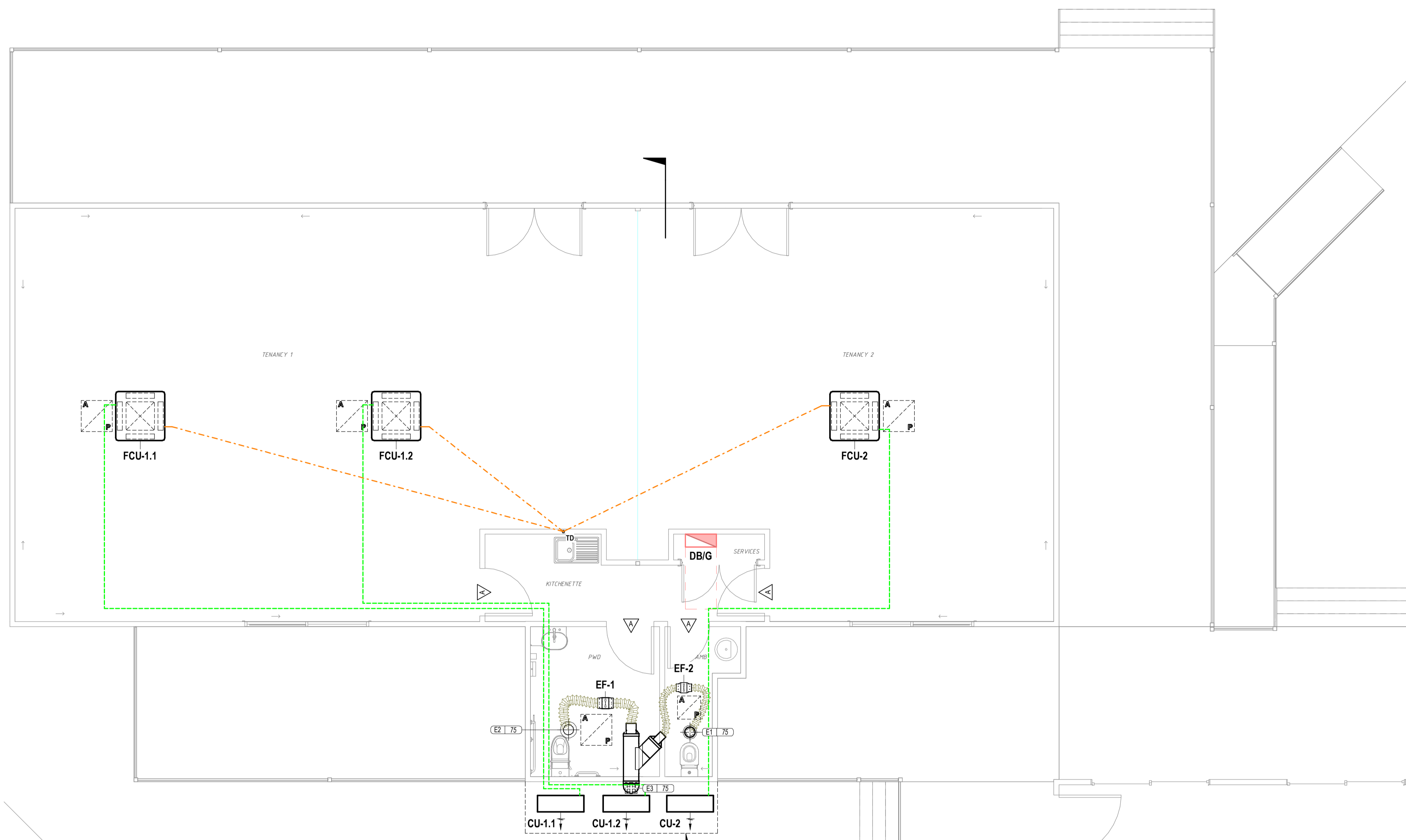
PROJECT START DATE: MAR 2026

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: MECHANICAL SERVICES LEGEND, SCHEDULES AND NOTES

SCALE @ A1: PROJECT No: J000270 DRAWING No: M01 REV: P1

HVAC LAYOUT
SCALE 1:50



SECTION 2
SCALE 1:50

DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC

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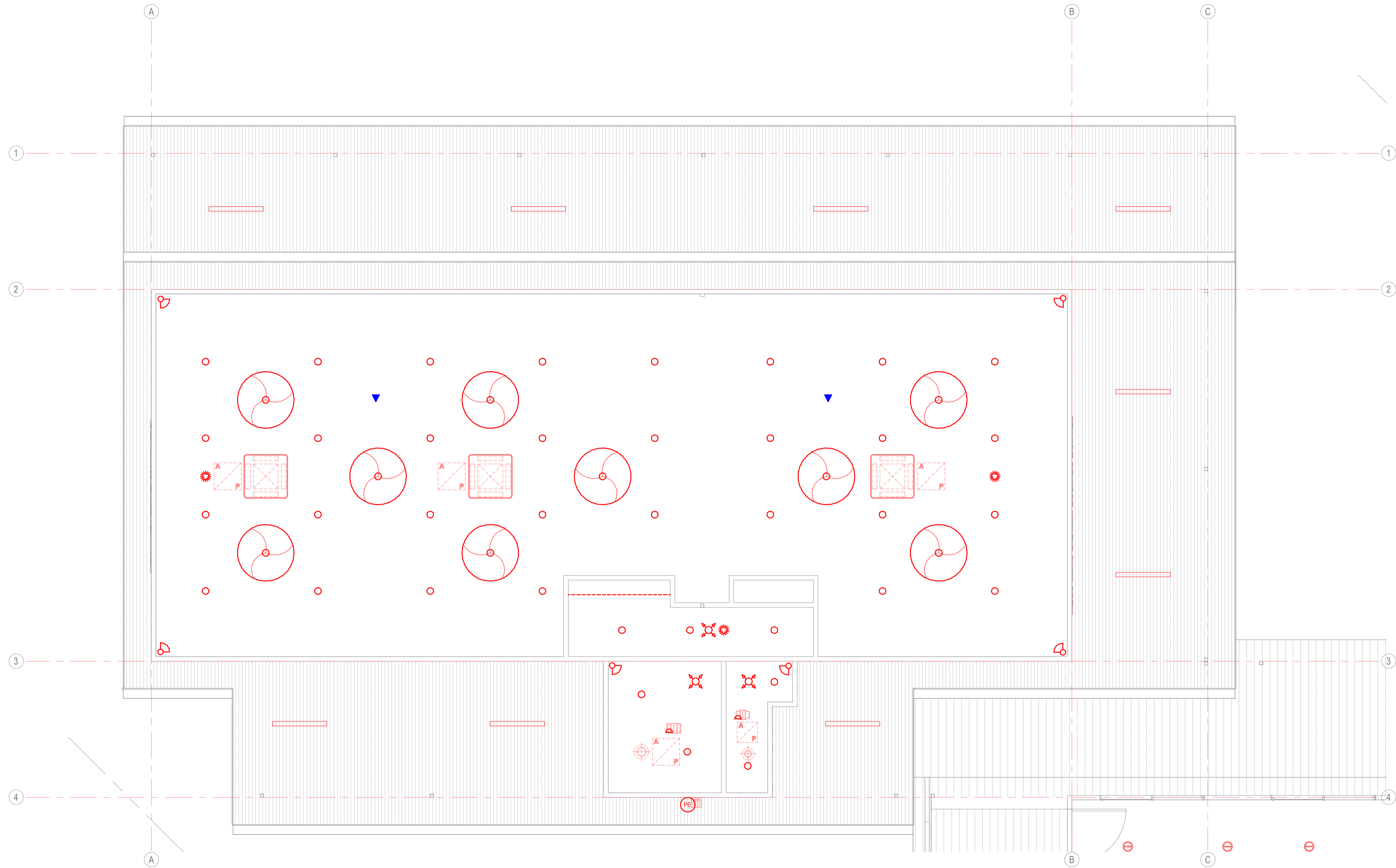
DRAWN: HCE
CHECKED: MH
APPROVED: MH

PROJECT START DATE: MAR 2026

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: MECHANICAL SERVICES HVAC LAYOUT	
SCALE @ A1: 1:50	PROJECT No: J000270
DRAWING No: M02	REV: P1

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COORDINATED RCP
SCALE 1 : 50

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DATE	REV	AMENDMENT	BY	CHKD
27/03/26	P1	PRELIMINARY	MH	HCE

DRAWING STATUS: **PRELIMINARY**

CLIENT: MYRIAD DESIGN
FOR: HOPEVALE ASC



DRAWN: HCE	PROJECT START DATE: MAR 2026
CHECKED: MH	NORTH:
APPROVED: MH	

PROJECT: HOPEVALE BUSINESS CENTRE EXPANSION
LOCATION: MUNI & THEILE ST HOPEVALE QLD

DRAWING TITLE: MECHANICAL SERVICES REFLECTED CEILING PLAN	SCALE @ A1: 1 : 50	PROJECT No: J000270	DRAWING No: M03	REV: P1
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