



CIVIL AND MECHANICAL ENGINEERING CONTRACTORS

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Project Title	CONTRACT No: BFI01/23/MWTWSC2: RIVERTON WTW REFURBISHMENT OF NEW PLANT'S FILTERS, CLARIFIERS, BACKWASH SYSTEM AND WASH WATER RECOVERY SYSTEM
Work Package Title	MCC East
Date of Work Package	29 September 2025
Project Manager	Stephen le Roux
Start Date	01 November 2025
Expected Works Duration	30 Days
Reference	C323-WPK001

Purpose

The purpose of this work package is to secure the services of a service provider for the build the MCC East Building, all trades except excavation and concrete work. This work package is only available to enterprises that meet the following criteria for being Local, being a Local Emerging Contractor or being a Local Services Provider or Local Supplier and is a Targeted Enterprise as set out below.

Local

means the Sol Plaatje Municipality (SPM) area.

Local Emerging Contractor

means a legal business entity with its registered office and/or physical address in the Local area.

Local Supplier

means a legal business entity with its registered office and/or physical address in the Local area who has actively conducted business in the Local area for a period of more than 12 months and who supplies materials and plant directly to the end-user.

Local Services Provider

means a legal business entity with its registered office and physical address in the Local area who has actively conducted business in the Local area for a period of more than 12 months and who supplies services directly to the end-user.

Pre-qualification Criteria for **Targeted Enterprises**

- i. an EME or QSE which is at least 51% owned by black people.
- ii. an EME or QSE which is at least 51% owned by black people who are youth.
- iii. an EME or QSE which is at least 51% owned by black people who are women.
- iv. an EME or QSE which is at least 51% owned by black people with disabilities.
- v. an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships.

Background

Eigenbau Pty Ltd is a company with a long history of successful projects in the water and wastewater treatment space. As such, Eigenbau competitively tendered for the appointment for various mechanical and electrical works at the Riverton New Works. Eigenbau were appointed as the sole Main Contractor in the refurbishment of new plant's filters, clarifiers, backwash system and wash water recovery system. at Riverton Water Treatment works. Eigenbau is thus tasked with constructing the MCC East Building and herewith issue this invitation to tender to suitable registered and experienced service providers for this as a works package to qualifying local entities.

Site Location

Riverton Water Treatment Works is located 30km north of Kimberly along the Vaal River. The construction site is adjacent to the plants main peripheral fencing close to the main entrance gate. The site is controlled/managed/ secured by Sol Plaatje Municipality and therefore any service provider is required to co-operate with them or their selected service providers/contractors etc and abide by any rules of their site. Access is by road.

Scope of work

Eigenbau requires the services of a competent and fully registered Contractor to construct the building at the site establishment location in Riverton as per drawings and Bill of Quantity attached.

The Scope of work entails:

- a. Brickwork, Plaster and Painting.
- b. Roofing
- c. Doors and windows
- d. Ironmongery

Assumptions

All cost related to this project should be in-cooperated into the submitted quotation for review. No variation orders will be tolerated, although all quantities in the Bill of Quantities are remeasurable.

Claims and Payment

Claims are to be filed before the 20th of the month, and on approval, will be settled by month-end of the following month.

Retention

A retention of 10% will be withheld on all claims until the final account.

Deliverables

Construction of the Building to specification within the allowable period of 30 days.

Constraints

Submission closing date will be on the 14st of October 2025.

Dependencies

- a. Non applicable.

Risks and Mitigation

Not required for this package.

Milestones

Not applicable to this package.

Progress reporting

Not applicable to this package.

Attachments and Appendices

a. Drawings

3338.35.00.ELA.70.D001 Ver 1

3338.35.00.ELA.53.D001 Ver 1

3338.35.00.ELA.70.D001 Ver 1

3338.35.00.AAA.10.U009 Ver 2

b. Bill of Quantities

Clients Safety Specification. <https://spu.ac.za/wp-content/uploads/OHS&E/02-FPI-003-Policy-on-Occupational-Health-Safety-and-Environment.pdf>

b.

Approvals

All approvals will be done by the Main contractors Project Manager.

Returnable Documents

Below is a list of the required returnable documents:

1. Signed Quotation and Offer of Services addressing the Scope of Work.
2. Copy of CIDB Certification as proof of contractor's registration (Only application to Contractors who will be working on site).
3. CIPC Registration for the company (Only applicable to companies)
4. Tax Status Compliance or PIN. (*This document is compulsory, and non-compliance will result in disqualification*)
5. Certified copy of VAT Registration certificate
6. Certified copy of letter of good standing issued by the Department of Labour in terms of Act 130 of 1993.
7. Certified copy of Incorporation (Only required for applicants who are companies)
8. Certified copy of Partnership Agreement (If applicant is in a partnership)
9. Certified copy of Identity document of all owners/partners/directors etc.
10. Certified copy of the B-BBEE Status level verification certificate.
11. Copies of all identification for shareholder/directors/members etc (should not be older than 3 months)
12. CV of all key staff to be used on the project.
13. CV of the person who prepares the contractors Health, Safety and Environment plan.
14. Proof of Registration on the central supplier database (CSD)
15. Contractors Project Quality Plan – n/a for this package.
16. Confirmation letter from bank for banking details.
17. Proof of Public Liability Insurance – not required for this package
18. List of experience in providing this service with contactable reference that are not related to the tendering entity.

Notes:

- a. A briefing session will be provided on 8 October 2025 at 12h00 on site https://maps.app.goo.gl/MAJhS1sg8bGQq3Et7?q_st=ac
- b. Other queries in this regard can be emailed to tenders@eigenbau.co.za no later than 48hours prior to the closing of the tender.

Submission of Documents

All documents must be submitted electronically by the 17.00 on the closing date, by scanning the originals and mailing them to tenders@eigenbau.co.za

10,1	PU, PUA	<u>CLARIFIERS MCC BUILDING WORKS</u>				
	PG.	<u>PRELIMINARY AND GENERAL</u>				
	1.1	<u>Time Related Preliminary and General Costs</u>				
		1 Supervision of the works	Week	4,00	-	-
		2 Safety Representative	Week	4,00		-
	1.2	<u>Fixed Preliminary Costs</u>				
		1 Site Establishment and Destablishment	Sum	1,00		-
		2 Safety and PPE	Sum	1,00		-
		Carried Forward				-

					Brought Forward	-
	PU 5.1.1	<u>REINFORCED BRICKWORK</u>				
	8.1.1	<u>Reinforced stock brickwork in 1:3 cement mortar</u>				
.2	.1	115mm Thick wall	m²	22,85	-	-
.1	.2	230mm Thick wall	m²	141,04	-	-
	PU 5.1.2	<u>FACE BRICKWORK</u>				
	8.1.1	<u>Extra over items 4.4.1 and 4.4.2 for face brickwork</u>				
.1	.1	Stretcher course bond	m²	141,05	-	-
	8.1.1	<u>Facebrick sundries</u>				
.2	.1	230mm Wide face brick on edge sill	m	10	-	-
	PU 5.1.6	<u>BRICK REINFORCING</u>				
	8.1.1	<u>Brick reinforcing</u>				
.3	.1	110mm Wide brickforce	m	15	-	-
.4	.2	150mm Wide brickforce	m	71	-	-
	PU 5.1.5	<u>DAMPPROOFING</u>				
	8.1.1	<u>Brickgrip dpc</u>				
.5	.1	375 Micron under walls	m²	9,14	-	-
		<u>IRONMONGERY</u>				
	8.1.3	<u>Locksets</u>				
.6	.1	Union CZ 682-24-9756C three lever lockset including satin chrome furniture	no	3	-	-
.7	.2	Ditto with rebate conversion set	no	3	-	-
	8.1.3	<u>Waterbars , dividing strips , etc</u>				
.8	.1	5 x 50mm Mild steel waterbar fixed in floor screed	m	4	-	-
					Carried Forward	-

					Brought Forward	-
	PU 3.4.3	<u>PRESSED METAL DOORS AND FRAMES</u>				
		<u>Steel door frames</u>				
	8.1.3	.1	<u>1.6mm Pressed steel door frames, with standard transformer doors</u>			
.9		.1	Door size 914 x 2134mm (D2)	no	2	-
.10		.2	Double door size 1524 x 2438mm with rebated meeting styles (D1)	no	1	-
	PU 3.4.8	<u>Windows</u>				
.11	8.1.3	.1	Standard 1000 x 800mm fixed louvre (W1)	no	10	-
		<u>ONE COAT PLASTER</u>				
	PU 3.1.5	<u>One coat 1:6 cement plaster</u>				
	8.1.2	.2	<u>Steel float finish to</u>			
.12		.1	Walls	m²	170	-
	PU 3.3.1	<u>PAINTING</u>				
	PU 5.3	<u>Note:</u>				
		All paint to be Plascon or other approved and applied in accordance with the manufacturers instructions				
	8.1.2	<u>Undercoat and two coats exterior quality gloss enamel paint to</u>				
.13		.1	Steel doors & frames	m²	15	-
	8.1.2	<u>Undercoat and two coats exterior washable acrylic paint to</u>				
.14		.1	Plastered walls	m²	141	-
.15		.2	Fibre cement ceilings	m²	57	-
		<u>ROOFS MEASURED IN NUMBER</u>				
		<u>SANS graded CCA treated SA Pine</u>				
		<u>Pre-fabricated roof construction erected, including all trusses, braces, purlins, battens, wall plates, etc</u>				
.16		.1	Timber roof construction complete Size of building on plan 100,5 m²	sum	1	-
					Carried Forward	-

					Brought Forward	-
		<u>FIXED CEILINGS</u>				
		<u>Supply and erect fixed ceilings</u>				
		.1 <u>Fibre cement ceiling</u>				
.17		.1 4mm Fibre cement fixed ceiling (NUTEC) including 38 x 38mm SAP brandering at 450mm centres in one direction (Internal)	m²	57	-	-
.18		.2 70mm Gypsum coved cornice at junction of ceiling and wall	m	36	-	-
.19		.3 600 x 600mm Trap door to ceiling	no	1	-	-
.20		.4 135mm Insulation blanket laid over ceilings as per spec	m²	57	-	-
	SANS 1200 HB	<u>CLADDING AND SHEETING</u>				
		<u>GALVANISED ROOF SHEETING AND CLADDING</u>				
		<u>Supply, deliver to site and fix cladding and sheeting including all necessary approved fasteners, etc and cutting and notching complete</u>				
		<u>Roof sheeting</u>				
	8.2.2	.1 <u>0,6mm Galvanised concealed Superseal 500 sheeting fixed to</u>				
.21		.1 wooden roof trusses	m²	100,5	inc	em 10.1.18
		<u>Vertical cladding</u>				
		.2 <u>0,6mm Galvanised Superseal 500 sheeting fixed to</u>				
.22		.1 Timber rails	m²	16	inc	incl. item 10.1.18
		<u>GALVANISED ANCILLARIES</u>				
		<u>Supply, deliver to site and fix all ancillaries including all necessary approved fasteners, seals, etc and cutting and notching complete</u>				
		.1 <u>Galvanised ridging</u>				
.23		.1 0,6mm Ridge capping 450mm girth 3 times bent along length	m	15	inc	incl. item 10.1.18
					Carried Forward	-

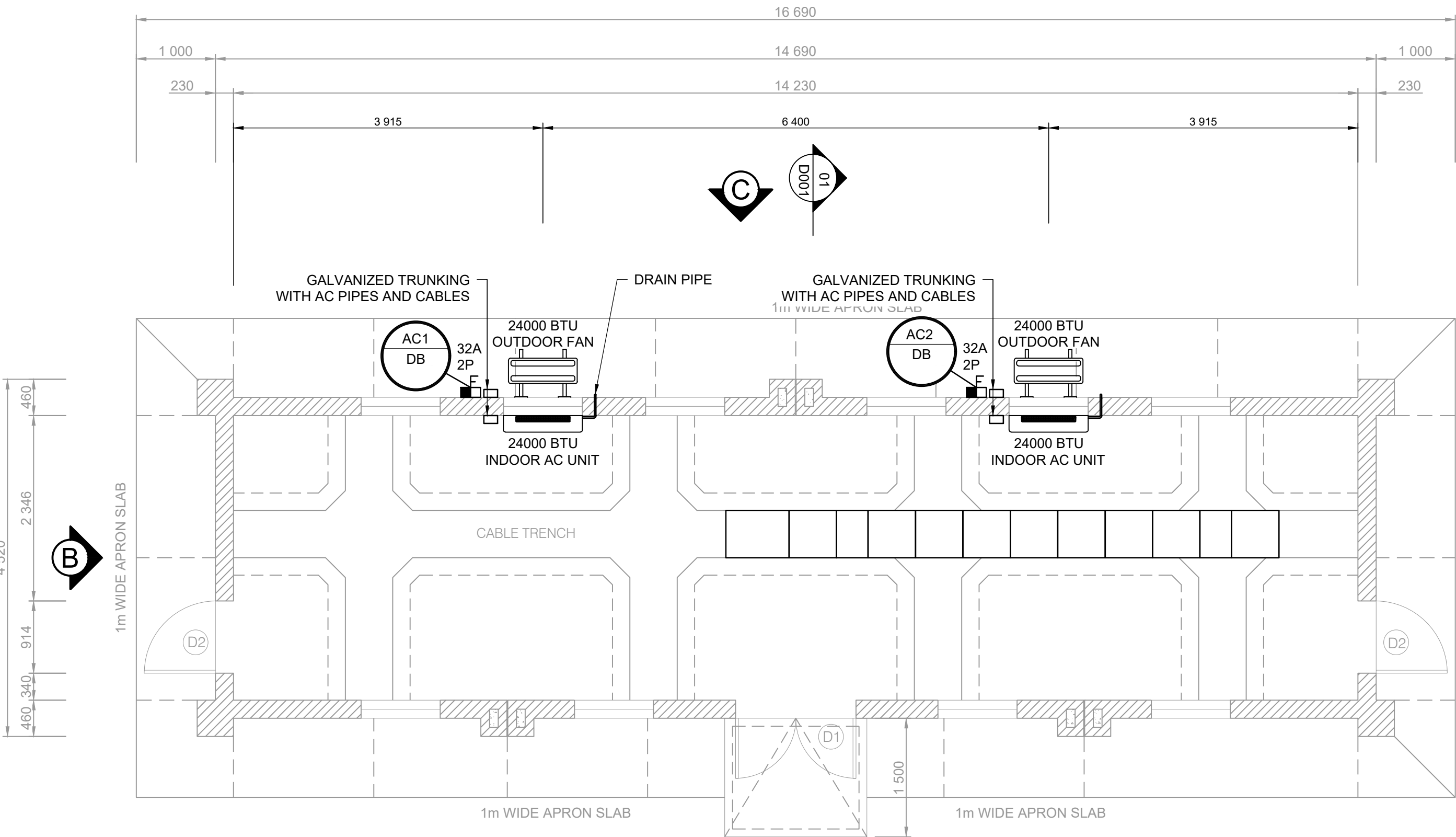
					Brought Forward	-
.24	8.2.3	.2	<u>Crank sheeting</u>			
		.1	Crank to 0,6mm Roof sheeting	m	14,5	incl. item 10.1.18
.25	8.2.3	.3	<u>Gable trim</u>			
		.1	Gable trim to vertical cladding	m	14,5	incl. item 10.1.18
Carried Forward to Total						-

LEGEND

O	SWITCH
O2W	TWO-WAY SWITCH
O1	INTERMEDIATE SWITCH
	16A 3 PIN SINGLE PLUG
	16A 3 PIN DOUBLE PLUG
	THREE PHASE WELDING SOCKET
	LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	POLE MOUNTED LIGHT FIXTURE
	"X" REPRESENTS THE TYPE OF LUMINAIRE AS SPECIFIED IN THE PROJECT SPECIFICATIONS. REFER TO PS ESPL-4 LIGHT FITTINGS.
	DISTRIBUTION BOARD
	INDICATES CIRCUIT
	INDICATES SWITCHING CIRCUIT
	CABLE ROUTE
	TUBING/CONDUIT ONLY
	CIRCUIT REFERENCE : CIRCUIT L1 ON DB-G "X" SECTION X = N - NORMAL POWER, G - GENERATOR, U - UPS

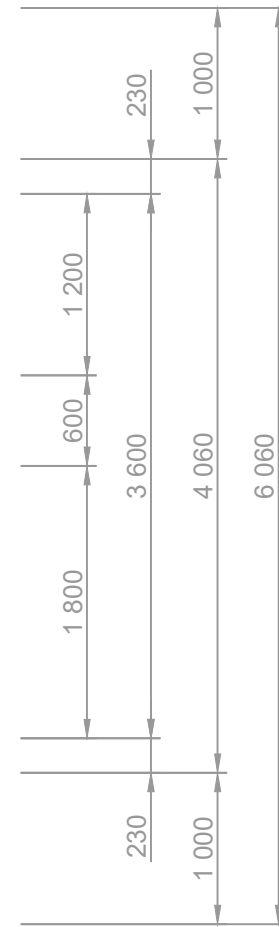
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- ALL CABLES WILL BE INSTALLED AS SPECIFIED UNDER PARTICULAR SPECIFICATION MULTICORE CABLES AND EARTH WIRES.
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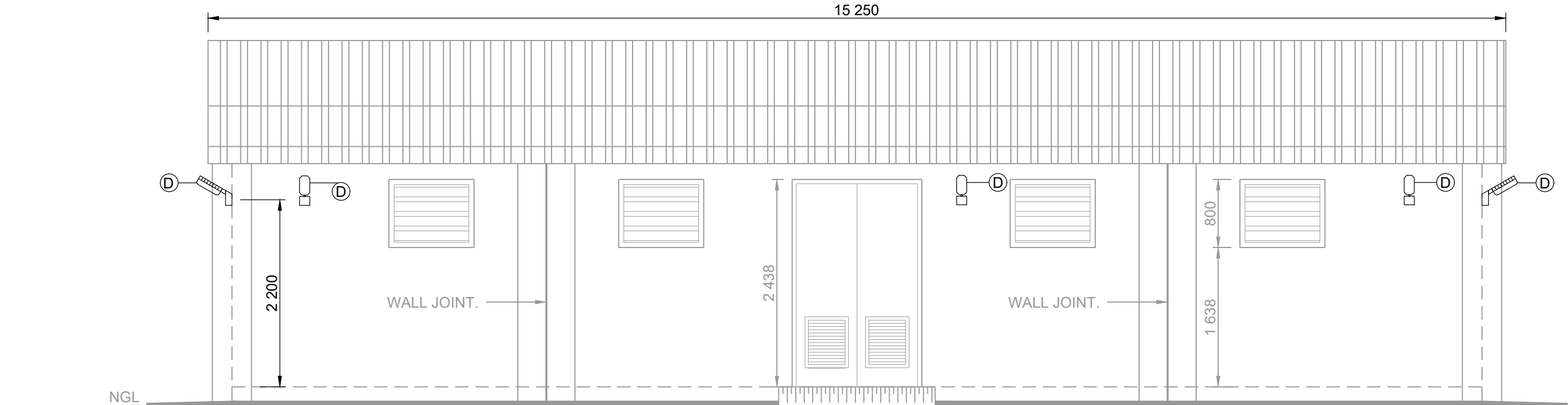
FLOOR PLAN

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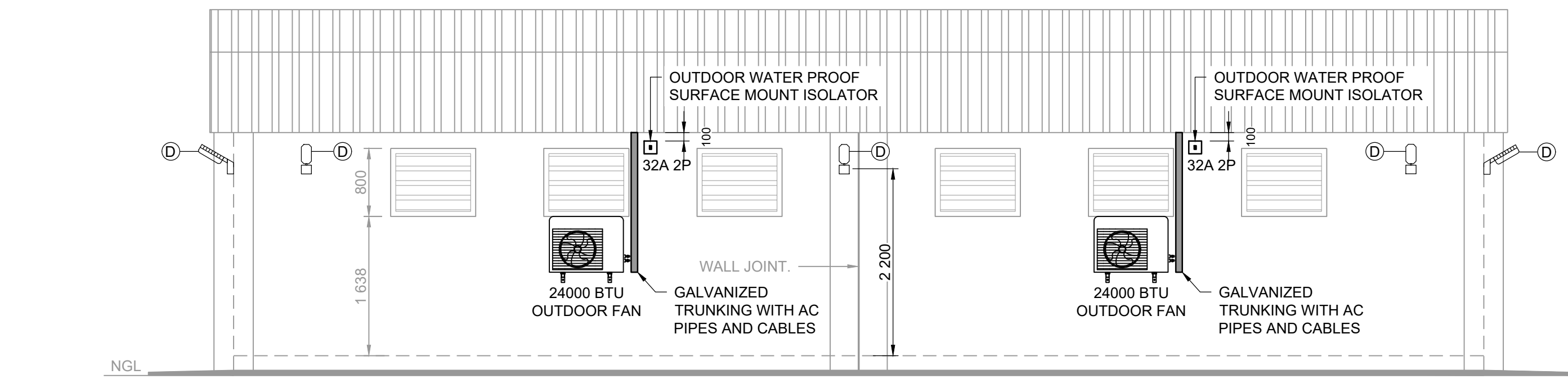
SECTION 01-01

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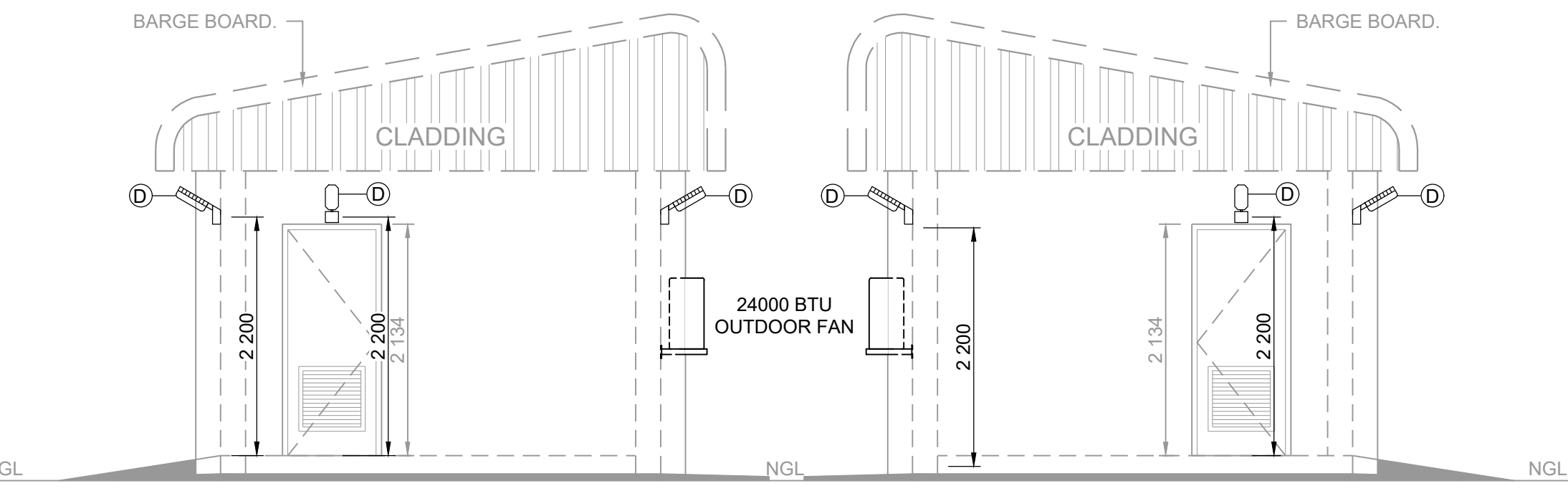
ELEVATION A

SCALE: 1:50



ELEVATION C

SCALE: 1:50



ELEVATION D

SCALE: 1:50

ELEVATION B

SCALE: 1:50

VERSION			
No.	DATE	DESCRIPTION	AUTH. BY

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Kimberley
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PROJECT TITLE:
**SOL PLAATJE LOCAL MUNICIPALITY
INTERGRATED BULK WATER SUPPLY
SYSTEM INTERVENTION**

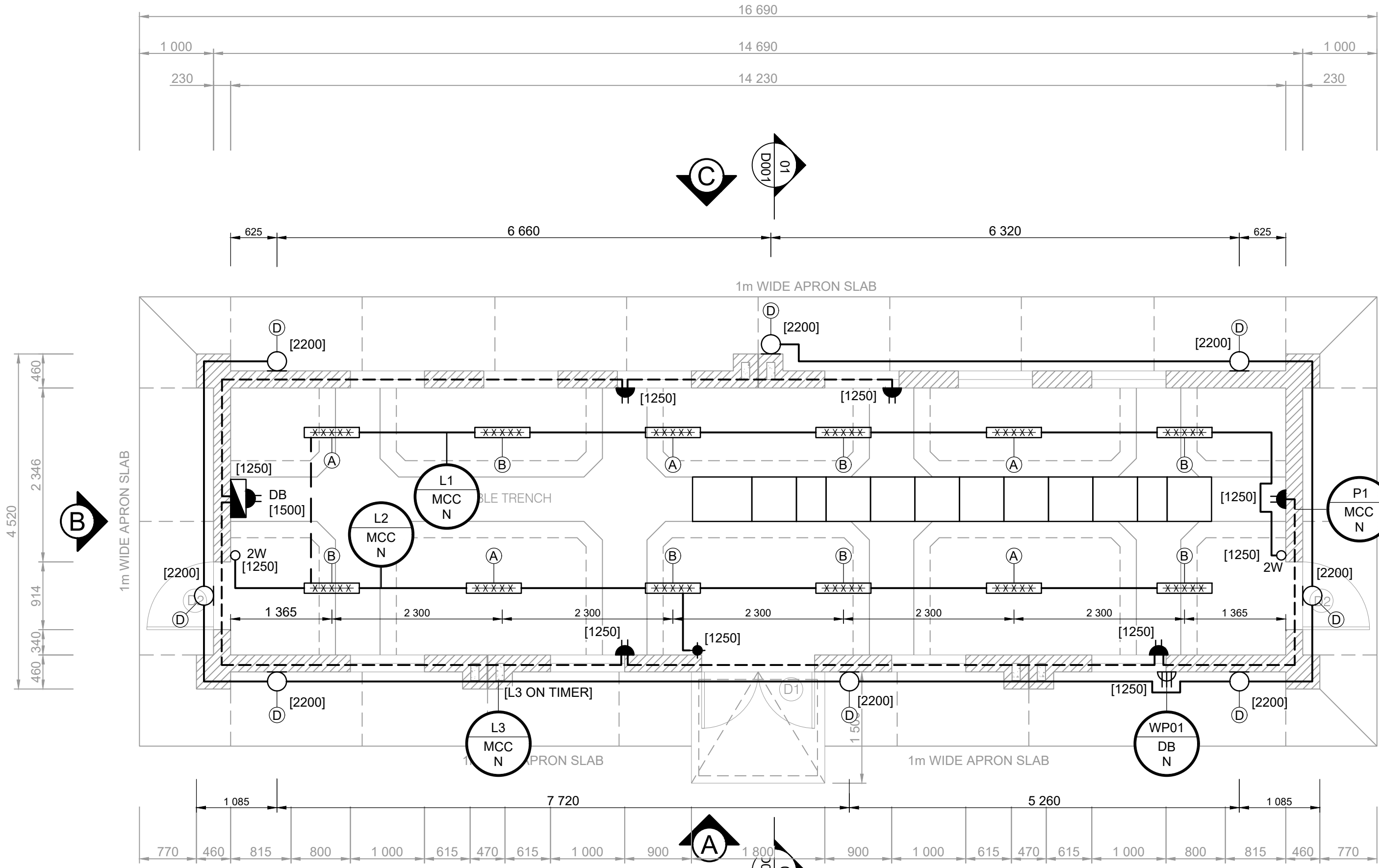
DRAWING TITLE:
**RIVERTON WTW: NEW PLANT
MCC BUILDING EAST AIR-CONDITIONING
LAYOUT AND DETAILS**



APPROVED ON BEHALF OF CLIENT:	
NAME:	
DATE:	
CLIENT DRAWING No.:	
CLIENT REF No.:	

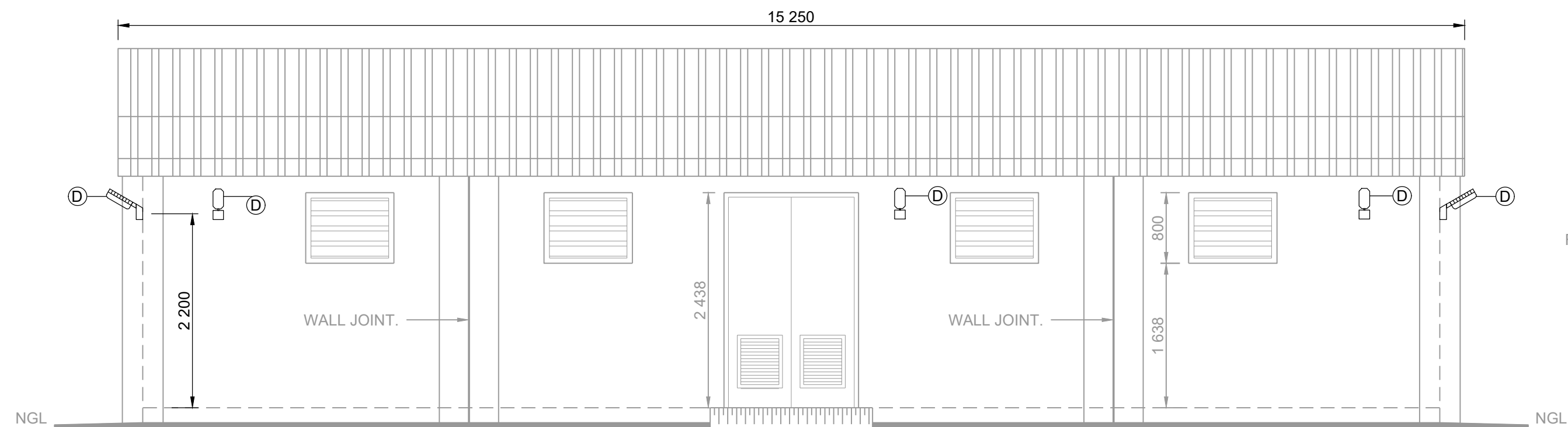
SURVEYED		DESIGNED	M Chimanikire
DRAWN	JA SWART		
COORD SYSTEM		DATE	AUGUST 2025
APPROVED ON BEHALF OF BIGEN:			
PRACTITIONER: Minda Oosthuizen Signed by: Minda Oosthuizen Minda Oosthuizen@bigengroup.com 1609090205 10 17 4403/C-02 001		REVIEWER: Jani Coetzee Signed by: Jani Coetzee jani.coetzee@bigengroup.com 1609090205 10 17 4403/C-02 001	
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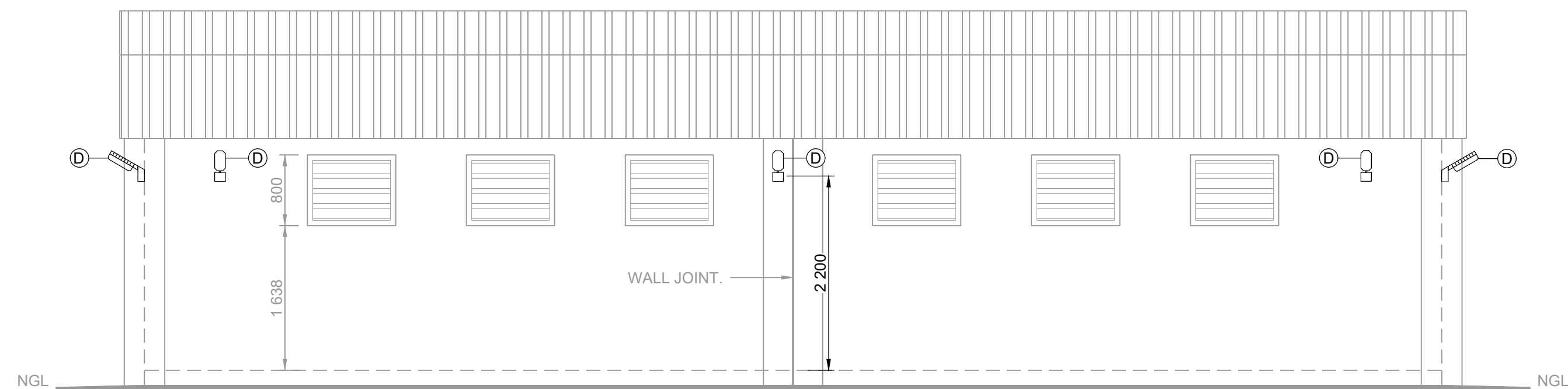
FLOOR PLAN

SCALE: 1:50



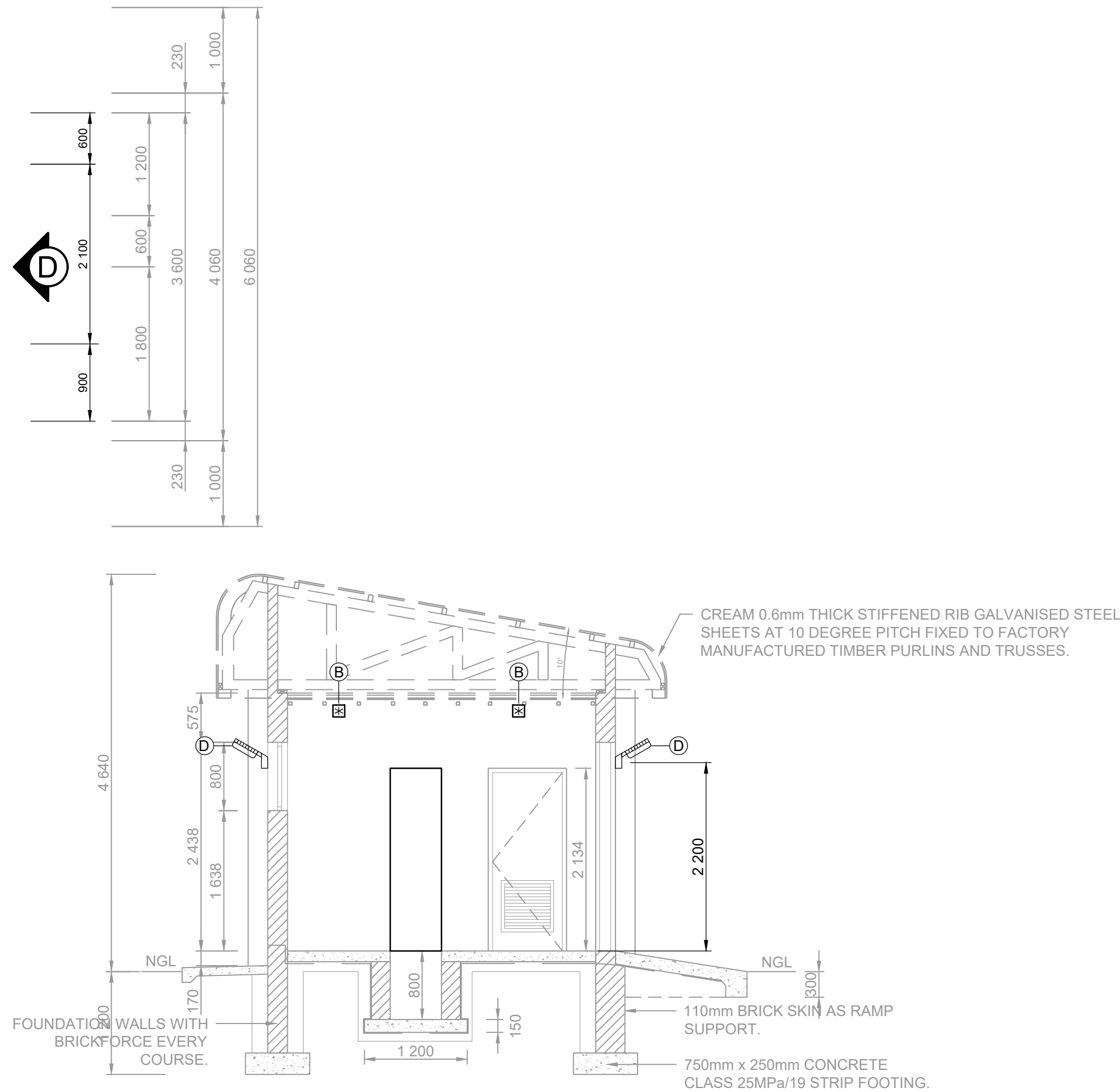
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SCALE: 1:50



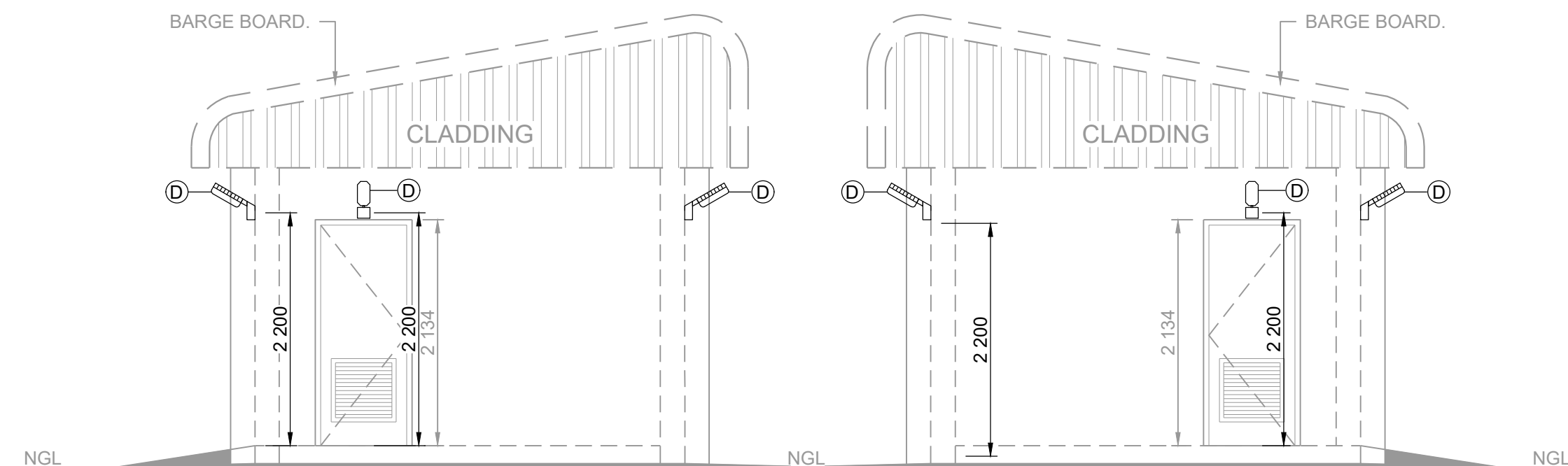
ELEVATION C

SCALE: 1:50



SECTION 01-01

SCALE: 1:50



ELEVATION D

SCALE: 1:50

ELEVATION B

SCALE: 1:50

LEGEND

O	SWITCH
O2W	TWO-WAY SWITCH
O1	INTERMEDIATE SWITCH
16A 3 PIN SINGLE PLUG	
16A 3 PIN DOUBLE PLUG	
THREE PHASE WELDING SOCKET	
[X X]	LIGHT FIXTURE
○	WALL MOUNTED LIGHT FIXTURE
○	POLE MOUNTED LIGHT FIXTURE
(X)	"X" REPRESENTS THE TYPE OF LUMINAIRE AS SPECIFIED IN THE PROJECT SPECIFICATIONS. REFER TO PS ESPL-4 LIGHT FITTINGS.
■	DISTRIBUTION BOARD
—	INDICATES CIRCUIT
- - -	INDICATES SWITCHING CIRCUIT
- - -	CABLE ROUTE
- - -	TUBING/CONDUIT ONLY
L1 DB-G X	CIRCUIT REFERENCE : CIRCUIT L1 ON DB-G "X" SECTION X = N - NORMAL POWER, G - GENERATOR, U - UPS

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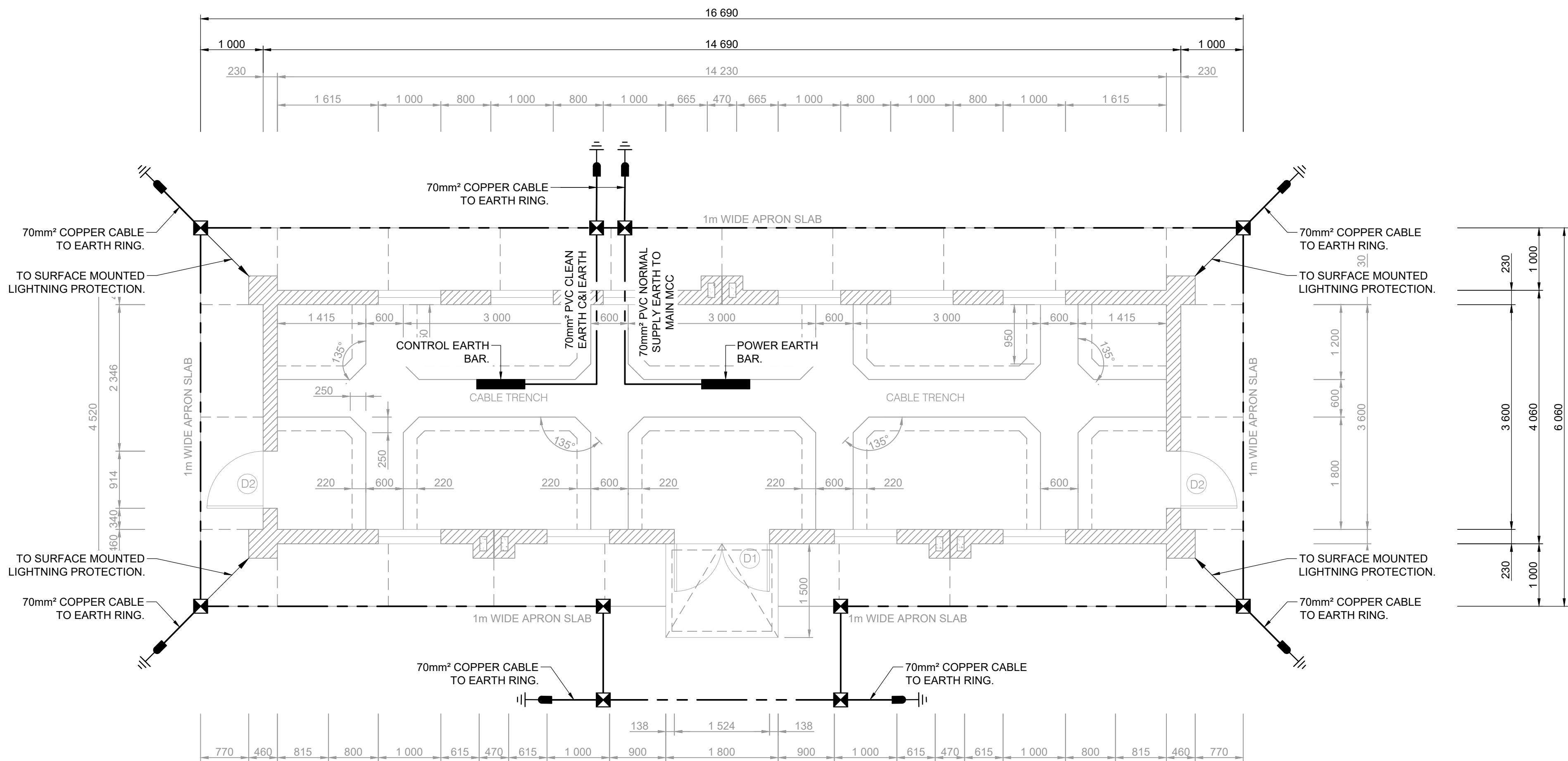
PROJECT TITLE: SOL PLAATJE LOCAL MUNICIPALITY INTERGRATED BULK WATER SUPPLY SYSTEM INTERVENTION
DRAWING TITLE: RIVERTON WTW: NEW PLANT MCC BUILDING EAST SMALL POWER & LIGHTING LAYOUT AND DETAILS



0 50 100 100mm ON ORIGINAL DRAWING
ORIGINAL DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SHEET SIZE: A1
APPROVED ON BEHALF OF CLIENT:
NAME:
DATE:
CLIENT DRAWING No.:
CLIENT REF No.:

SURVEYED	DESIGNED	M Chimanikire
DRAWN	M VAN DEVENTER	
COORD SYSTEM	DATE	AUGUST 2024
APPROVED ON BEHALF OF BIGEN:		
PROJECTIONER: Minda Oshimbeni Signed by: Minda Oshimbeni Minda Oshimbeni@bigengroup.com 1609080205 10 11 3444 (C-402 000)	REVIEWER: Jani Corleone Signed by: Jani Corleone jani.corleone@bigengroup.com 1609080205 10 11 3444 (C-402 000)	
DRAWING No.:	VERSION:	1
3338.35.00.ELA.70.D001		

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EARTHING & LIGHTNING PROTECTION LAYOUT
SCALE 1:50

LEGEND

EARTH ELECTRODE

EXOTHERMIC WELD BETWEEN CONDUCTORS - TEE TYPE

EXOTHERMIC WELD OR BOLTED - CONDUCTOR TO STEELWORK

BRASS CLAMP COMPLETE WITH BRASS NUT AND BOLT

EARTH WIRE - EQUIPOTENTIAL BONDING

CABLE ROUTE

CONDUIT

NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE EARTHING AND LIGHTNING TYPICAL DETAIL DRAWING 3338.35.00.AAA.77.D001.

VERSION			
No.	DATE	DESCRIPTION	AUTH. BY
SURVEY DATUM:			

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DRAWING TITLE:
**RIVERTON WTW: NEW PLANT
MCC BUILDING EAST EARTHING &
LIGHTNING PROTECTION LAYOUT**



ORIGINAL DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SHEET SIZE: **A1**

APPROVED ON BEHALF OF CLIENT:
NAME: _____
DATE: _____
CLIENT DRAWING No.: _____
CLIENT REF No.: _____

SURVEYED		DESIGNED	M Chimanikire
DRAWN	M van Deventer		
COORD SYSTEM		DATE	MAY 2025
APPROVED ON BEHALF OF BIGEN:			
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