



INFRASTRUCTURE DEPARTMENT

INVITATION TO QUOTE

An invitation is hereby issued to suitably qualified and experienced service providers to provide services as described on the table below:

Quote number	Quote description	Price and BBBEE	Closing date	Mandatory requirements
RFQ MUT 876/2024	Appointment of a Suitably Qualified & Experienced Service Provider in Fit-out Construction for the new MUT Radio Offices, in the Student Centre Building at Mangosuthu University of Technology Main Campus.	80/20	22 November 2024 @11H00	<ul style="list-style-type: none">Valid Tax certificate or pin.CIPC CertificateValid COIDA RegistrationCIDB Grading 2GB or higher

Mangosuthu University of Technology is committed to the implementation of its Procurement Policy on Broad-based Black Economic Empowerment (BBBEE). For enquires please contact Nomonde Mhlungu, email mhlungunb@mut.ac.za, tel. on 031 907 7500.

Quotation documents are to be downloaded via MUT website and must be sent to the above email address mhlungunb@mut.ac.za from Procurement, Umlazi Campus. No facsimile, late or bids will be accepted. The University does not bind itself to accept the lowest bid and reserves the right to accept the whole or part of any quotation. If you are not contacted within 90 working days after the closing date of the quotation, consider your quotation unsuccessful.

OFFICIAL REQUEST FOR QUOTATION (RFQ)

INSTRUCTIONS: The supplier information must be completed in full, and this document must be signed by authorized personnel. The supplier must carefully read the instructions and the terms and conditions of this document. Failure to adhere to these instructions and terms and conditions may result in rejection of the submission.

Business Unit: Infrastructure Department	RFQ number: RFQ MUT 876/2024
RFQ Description:	Appointment of a Suitably Qualified & Experienced Service Provider in Fit-out Construction for the new MUT Radio Offices, in the Student Centre Building at Mangosuthu University of Technology Main Campus.
Requester: Mr. Lubabalo Ngcaweni Technical Enquires: 031 907 7341 or Email: Ngcaweni.lubabalo@mut.ac.za	Buyer: Ms. Mhlungu Nomonde
Request date: 13 November 2024	Contact no: (031) 907 7500 E-mail: mhlungunb@mut.ac.za
Compulsory Briefing/Information session	None
Closing date and Time: 22 November 2024 @ 11h00	Delivery Address: Send via e-mail: mhlungunb@mut.ac.za
Payment term	30 days in arrears upon receipt of a valid invoice
NB: RFQ documents should be emailed to the delivery address above. Clarification questions to be directed to the buyer on the above email address.	

BIDDER/SUPPLIER INFORMATION

Company name:	
Address:	
Contact Number:	
Name & Surname of Authorized person:	
Email:	
Company Registration number	

RFQ FORM

1. I/We hereby render to supply all or any of the supplies and/or to render all or any of the services described in the attached documents to Mangosuthu University of Technology on the items and conditions and in accordance with the specifications stipulated in the RFQ documents (and which shall be taken as part of, and incorporated into, this RFQ) at the prices and on the terms regarding time for delivery and/or execution inserted therein.
2. I/We agree that the offer herein shall remain binding upon me/us and open for acceptance by Mangosuthu University of Technology during the validity period indicated and calculated from the closing time of the RFQ.
3. if I/we withdraw my/our RFQ within the period for which I/we have agreed that the RFQ should remain open for acceptance or fail to fulfil the contract when called upon to do so, Mangosuthu University of Technology may without prejudice to its other rights, agree to the withdrawal of my/or RFQ or cancel the contract that may have been entered into between me/us and Mangosuthu University of Technology and I/we will then pay to Mangosuthu University of Technology any additional expense incurred by Mangosuthu University of Technology having either to accept any less favourable RFQ or fresh RFQs have to be invited, the additional expenditure incurred by the invitation of fresh RFQ and by the subsequent acceptance of any less favourable RFQ, Mangosuthu University of Technology shall also have the right to recover such additional expenditure by set-off against moneys which may be due or become to me/us under this or any other RFQ or contract or against any guarantee or deposit that have been furnished by me/us or on my/our behalf for the due fulfilment of this or any other RFQ or contract and pending the ascertainment of the amount of such additional expenditure to retain such moneys, guarantee or deposit as security for any loss Mangosuthu University of Technology may sustain by reason of my/our default.
4. If my/our RFQ is accepted the acceptance may be communicated to me/us by letter or ordinary post or registered post and that SA Post Office Ltd shall be regarded as my/our agent. Delivery or such acceptance to SA Post Office Ltd shall be treated as delivery to me/us.

5. The law of the Republic of South Africa shall govern the contract created by the acceptance of my/our RFQ and that I/we choose domicilium citandi et executandi in the Republic (full address).
6. I/We furthermore confirm that I/we have satisfied myself/ourselves as to the correctness and validity of my/our RFQ, that the price(s) and rate(s) quoted cover all the work/items(s) in these documents; and that the price(s) and rate(s) cover all my/our obligations under a resulting contract. I/we accept that any mistakes regarding price(s) and calculations will be at my/our risk.
7. I/we hereby accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me/us under this agreement as the principal(s) liable for the due fulfilment of this contract.
8. I/We agree that any action from this contract in all respects be instituted against me/us and I/we hereby undertake to satisfy fully any sentence or judgment which may be pronounced against me/us as a result of such action.
9. I/We declare that I/we have participation /no participation in the submission of any other offer for the supplies/service described in the attached documents. If in the affirmative, state name(s) or RFQ(s) involved.

10.

Are you duly authorized to sign for this the RFQ? *YES / NO

11. Has the Declaration of Interest been duly completed and included with the other RFQ forms?
 *YES / NO

DECLARATION

I, the undersigned (full names)

Certify that the information furnished above is correct. I accept that, in addition to cancellation contract, action may be taken against me should this declaration prove to be false.

Name & Surname of Authorised person/ Representative _____	Date:
Signature of a Bidder's Representative _____	

PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

OFFER TO BE VALID FOR **90** DAYS FROM THE CLOSING DATE OF BID.

Name of bidder.....	RFQ number: RFQ MUT 876/024
Closing Time: 11H00	Closing date : 22 November 2024

1. Pricing Schedule

Refer to **Section 5** for Pricing Schedule (To Be Completed by the bidder)
The offered total of the prices inclusive of VAT is:

(In Words)

.....

.....

(In Figures)

.....

2. Background

The Radio division at Mangosuthu University of Technology is set to expand its operations, which will require additional office space for its staff. The new offices will be located in the recently built Student Centre Building, within a currently empty ‘white box’. This space will require modifications and fitting out by a skilled service provider to meet the specific needs of the division.

3. Scope of Service

The project involves construction work of such as modifying the space by installing aluminum shopfronts, painting, setting up partitions, and installing electrical and mechanical systems. The contractor must carry out the work according to the items listed in the Bill of Quantities, drawings, and specifications, and comply with all relevant rules and regulations.

Pricing Schedule:

See Attached Annexure A: Bill of Quantities Including Final Summary page.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT IN RSA CURRENCY (RANDS)
1	Total including VAT as per BOQ page 36. (Carried to form of offer)	Item	1		
	ADD: 35% CONTINGENCY (Client's budget to be used upon approval)				
	TOTAL (Inclusive)				

- Required by: Mr. Lubabalo Ngcaweni
- At: Mangosuthu University of Technology
- Brand and model
- Country of origin
- Does the offer comply with the specification(s)? *YES/NO
- If not to specification, indicate deviation(s)
- Period required for delivery
*Delivery: Firm/not firm
- Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid, or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1 Full Name of bidder or his or her representative:.....

2.2 Identity Number:

2.3 Position occupied in the Company (director, trustee, shareholder²):

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹“State” means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²“Shareholder” means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

2.7 Are you or any person connected with the bidder presently employed by the state? YES / NO

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

.....

Name of state institution at which you or the person connected to the bidder is employed :

.....

Position occupied in the state institution:

.....

Any other particulars:

.....

.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attach proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....

.....

.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? **YES / NO**

2.8.1 If so, furnish particulars:

.....

.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.9. 1If so, furnish particulars.

.....

.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.10.1 If so, furnish particulars.

.....

.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES / NO

2.11.1 If so, furnish particulars:

.....

3 Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Tax Reference Number	State Number	Employee Peral Number

4 DECLARATION

I, THE UNDERSIGNED (NAME).....
 CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.
 I ACCEPT THAT MANGOSUTHU UNIVERSITY OF TECHNOLOGY MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	<p>Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE
AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE
TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This document must form part of all bids¹ invited.

- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.

- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.

- 4 This form serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.

- 5 In order to give effect to the above, the attached Certificate of Bid Determination must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids, and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;

- (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

CONDITIONS OF RFQ

1. Bidders must submit all necessary documents and complete all forms and questionnaires contained in the RFQ. Each bidder's proposal shall be evaluated against timelines and price.
2. pricing- do not show separately.
3. Bidders responding to this quotation are deemed to do so, on the basis that they acknowledge and accept all Terms and Conditions of this quotation.
4. RFQ validity period 60 days.
5. Validity period may not be extended unless otherwise stated by the member.
6. Incomplete or late submissions will not be evaluated.
7. Return quotations to the email address provided before closing date and time.

WHAT IS THE MUT LOOKING FOR

Mangosuthu University of Technology is looking to appoint an experienced service provider in Fit-Out Construction for the New MUT Radio Offices, in the Student Centre building at Mangosuthu University of Technology main campus.

See attached **Pricing Schedule**

Evaluation Criteria

Compulsory documents to be submitted with RFQ.	Mandatory Documents
<ul style="list-style-type: none"> • Valid Tax certificate or pin. • CIPC Certificate • Valid COIDA Registration • CIDB Grading 2GB or higher 	YES
NB: Failure to submit mandatory documents will lead to disqualification	
FUNCTIONALITY	100
<p>Client’s Reference /Recommendation Letters (Provide Three (3) Signed letters with contactable contacts of a project with Similar Scope and Nature:</p> <ul style="list-style-type: none"> • 3 Reference Letters = 30 Points • 2 Reference Letters = 20 Points • 1 Reference Letters = 05 Points <p>If no references are provided the bidder will be Scored Zero</p>	30
Proposed Personnel and Key Staff to also include the following: Construction Manager & Health & Safety Officer	
<p>Professional Construction Manager Experience for a Project Similar in Scope and Nature.</p> <ul style="list-style-type: none"> • 4-6 years’ Experience – Attach CV = 10 Points • 1-3 years’ Experience – Attach CV = 05 Points • If no CV is provided the bidder will be scored Zero. 	10

Professional Health and Safety Experience (SACPCMP Professional Registration) of Project Similar in Scope and nature.	
<ul style="list-style-type: none"> • 4-6 years' Experience – Attach CV = 05 Points • 1-3 years' Experience – Attach CV = 03 Points • If no CV is provided the bidder will be scored Zero. 	5
Method Statement / Approach Methodology <ul style="list-style-type: none"> • Detailed Methodology = 20 Points • Moderate Methodology = 10 Points • Poor Methodology Provided = 05 Points <p>Note: If no methodology is attached the bidder will be scored 0 points</p>	20
Preliminary Program (Timelines) <ul style="list-style-type: none"> • Detailed Program = 20 Points • Moderate Program = 10 Points • Poor Program = 05 Points <p>Note: If no Program is attached the bidder will receive 0 points scored</p>	20
Location <ul style="list-style-type: none"> • Umlazi = 15 points • KZN = 10 Points • Outside KZN = 00 Points 	15

NB: The evaluation criterion for functionality aims to assess the capability of the tenderer to execute and maintain a tender and/ or contract. Tenderers need to obtain a minimum percentage score **70%** and above to progress to the next stage of evaluation.

OTHER GENERAL REQUIREMENTS:

- CSD MAAA NUMBER----- (please insert in the space provided)
- BBEE Certification – No points will be allocated if not provided.

TO BE COMPLETED BY SUPPLIER BY (Checklist)

• Does this Offer comply with specification, state brand where applicable?	
• Does the bidder have the required experience, state period?	
• Can this order be delivered within specified period, state delivery period?	
• Do you intend sub-contraction/Partner?	
• Pricing Schedule (Recalculate to ensure accuracy)- Indicate whether prices are firm or non-firm)	
• Declaration of Interest (Read, Understand and Sign)	
• Declaration of Bidder’s Past Supply Chain Management Practices (Read, Understand and Sign)	
• Certificate of Independent Bid Determination (Read, understand and Sign)	
• CSD Registration Number (MAAA) / CSD report	

PLEASE NOTE: MUT reserves the right to appoint or not appoint a service provider for this project. MUT will not necessarily accept the lowest quotation in part or full, it will be MUT’s discretion to appoint the most suitable service provider who will add value to MUT.

ANNEXURE A

BOQ (BILL OF QUANTITIES) / PRICING SCHEDULE

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Minor Works Agreement (Edition 5.2 – May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Minor Works Agreement contract data form an integral part of this agreement</p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Minor Works Agreement (Edition 5.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause</p> <p>The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> <p>Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the above mentioned documents</p>			
	Carried Forward		R	
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries</p>			

Brought Forward

R

PREAMBLES FOR TRADES

The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these **bills of quantities** and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained

Supplementary preambles and/or specifications are incorporated in these **bills of quantities** to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles

The **contractor's** prices for all items throughout these **bills of quantities** shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : Amendments, modifications, corrections or supplements to the aforementioned JBCC Minor Works Agreement

Section B : Amendments, modifications, corrections or supplements to the aforementioned JBCC General Preliminaries

Section C : Any special clauses to meet the particular circumstances of the project

Section D : Monetary allowances

SECTION A: MINOR WORKS AGREEMENT

Clause 1.0 - Definitions and Interpretation

1 Clause 1.0 - Definitions and interpretation

Contract Sum

Carried Forward

R

Section No. 1
Bill No. 1
Preliminaries

	Brought Forward		R
2	The contract sum to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated in the contract data		
3	The contract sum shall include for all construction equipment, temporary works, services and other items and shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary		
	Legal status of contractor		
	If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:		
	1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement		
	2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons		
	3. The contractor shall not alter its composition or legal status without the prior written consent of the employer		
	F:..... V:..... T:.....	Item	
4	Clause 2.0 - Law, regulations and notices		
	F:..... V:..... T:.....	Item	
5	Clause 4.0 - Documents		
	Value Added Tax		
	Provision is made in the contract data for inclusion in the contract sum of Value Added Tax (VAT)		
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries		

	Brought Forward		R
	F:..... V:..... T:.....	Item	
6	Clause 5.0 - Employer's Agents		
	F:..... V:..... T:.....	Item	
7	Clause 9.0 - Securities		
	Guarantee for payment		
	The Employer shall not provide to the contractor with a guarantee for payment		
	By virtue of the contractor submitting a tender offer, he is deemed to have waived his lien or right of continuing possession of the works [9.2]		
	Sub-clause 9.2 has been amended to read as follows:		
	"The contractor shall waive his lien or right of continuing possession of the works."		
	Extension of waiver of lien		
	The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [9.2]		
	F:..... V:..... T:.....	Item	
8	Clause 11.0 - Obligations of the contractor		
	Office accommodation		
	The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]		
	The contractor's site camp shall be equipped with Wi-Fi internet connection which shall be utilised by the contractor's staff, the client and members of professional team		
	Carried Forward		R
	Section No. 1		
	Bill No. 1		
	Preliminaries		

Brought Forward		R
<p>Notice board</p> <p>The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the Principal Agent listing the names and logos of the Employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [11.2.5]</p> <p>Statutory and other notices</p> <p>The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto</p> <p>F:..... V:.....T:.....</p>	Item	
<p>9 Clause 13.0 - Direct contractors</p> <ol style="list-style-type: none"> 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1] <p>F:..... V:.....T:.....</p>	Item	
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

	Brought Forward		R
10	<p>Clause 14.0 - Contract instructions</p> <p>Site Instructions</p> <p>Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor</p>		
11	<p>Clause 17.0 - Revision of the date for practical completion</p> <p>Sub-clause 17.2 has been amended to omit the following sub-clause:</p> <p>Sub-clause 17.2.1 Delayed possession of the site</p> <p>Substitution of materials and goods</p> <p>The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [14.1.8; 17.1 & 2]</p> <p>F:..... V:..... T:.....</p>	Item	
12	<p>Clause 19.0 - Payment</p>		
13	<p>Sub-clause 19.1 has been amended to include the following:</p> <p>The contractor shall submit the following information on a monthly basis to the Principal Agent and Quantity Surveyor in order to assist with the processing of the payment certificate and the preparation of the empowerment report:</p> <ul style="list-style-type: none"> · A detailed breakdown of the work done. (The work breakdown must be referenced strictly in accordance with the Tender Document or the detailed Priced Bills of Quantities, as applicable.) · A detailed breakdown of all variation order costs claimed (With specific reference to work done by the Principal Building Contractor) in the certificate concerned, together with copies of the relevant contract instructions · A detailed breakdown of the work done by each sub-contractor. (The work breakdown must be 		
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

<p style="text-align: center;">Brought Forward</p> <p>referenced strictly in accordance with the Tender Document or the detailed Priced Bills of Quantities, as applicable.)</p> <ul style="list-style-type: none"> · A detailed breakdown of all variation order costs claimed in the certificate concerned for sub-contract work, together with copies of the relevant contract instructions · A written declaration authenticated by the contracts manager confirming, that the payment claims for work done by sub-contractors has been audited and amended by the contractor's quantity surveyor, prior to it being forwarded to the Principal Agent and Quantity Surveyor for evaluation · If applicable, a combined empowerment report which shall include reports on contractor and sub-contractor compliance, in accordance with the format required by the empowerment manager. In this regard, the combined, contractor and sub-contractor empowerment report must contain an affidavit certifying that all information contained the report as being true and correct and must be authenticated by the contractor and a commissioner of oaths. The combined reports must also state that the contractor has checked and verified that all information submitted by sub-contractors is true and correct · Tax invoice: the contractor shall attach a tax invoice as prescribed in the Value Added Tax Legislation to each payment certificate when presenting the certificate to the employer for payment. Such tax invoices shall correctly reflect the prescribed information and the amounts shall match precisely the amounts included in the payment certificate. Should the contractor fail to comply with these requirements, the date of presentation of the certificate shall be deemed to be delayed at the contractor's default until such time as the requirements are met <p>Should anyone or any combination of the above requirements not be complied with, the Principal Agent reserves the right to exclude any amounts that may have been due for certification from the payment certificate concerned and/ or delay the issue of payment certificates and/ or, revise the contractual payment date, as applicable, until such time compliance is achieved</p>	<p>R</p>
<p style="text-align: center;">Carried Forward</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	<p>R</p>

	Brought Forward		R
	<p>Sub-clause 19.9 has been amended as follows:</p> <p>Replace the words “fourteen (14) calendar days” with “forty (40) calendar days”</p> <p>Prices Submitted:</p> <p>Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing</p> <p>F:..... V:..... T:.....</p>	Item	
14	Clause 20.0 - Adjustment of the contract value and final account		
15	<p>Sub-clause 20.1 has been amended to include the following:</p> <p>Contract Instructions</p> <p>Instructions given by the Employer's agents in relation to the contract works, shall, irrespective of the format or wording of such instructions, not indicate that the work involved represents an extra or variation and shall not be deemed to be acceptance of any prices or quotations contained in any correspondence</p> <p>It is recorded that only the quantity surveyor where appointed by the employer for quantity surveying services is empowered, to rule whether any instructions issued constitutes an extra or not and, to resolve cost aspects of any matter pertaining to this contract</p> <p>Cost of claims</p> <p>All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [22.5 & 6] from making a determination on costs</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Brought Forward

R

16 Agreement

The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties

F:..... V:..... T:.....

Item

17 Contract data

Tenderer's selections

Before submission of his Tender the contractor is to complete the Tenderer's selections in the contract data

F:..... V:..... T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
Preliminaries

Brought Forward		R
<u>SECTION B: GENERAL PRELIMINARIES</u>		
<u>Definitions and interpretation (B1)</u>		
18	<p>Clause 1.1 - Definitions</p> <p>F:..... V:.....T:.....</p>	Item
19	<p>Clause 1.2 - Interpretation</p> <p>F:..... V:.....T:.....</p>	Item
<u>Documents (B2)</u>		
20	<p>Clause 2.1 - Checking of documents</p> <p>Sub-clause 2.1 refers – the following is to be added after the words “written directive”:</p> <p>The items in these Bills of Quantities are to be read and priced in conjunction with, and the descriptions regarded as amplified by the General Preambles for Trades 2017 as recommended and published by the Association of South African Quantity Surveyors, 2017 edition, and no claim arising from brevity of description of items fully described in the said General Preambles for Trades 2017 and Supplementary documentation will be entertained. Notwithstanding the issue of the tender drawings, it will remain the responsibility of the Tenderer to study all available drawings at the offices of the Principal Agent during normal working hours in order to acquaint himself with all the cost implications of the design, programming, phasing, etc</p> <p>F:..... V:.....T:.....</p>	Item
21	<p>Clause 2.2 - Provisional bills of quantities</p> <p>F:..... V:.....T:.....</p>	Item
22	<p>Clause 2.3 - Availability of construction information</p> <p>F:..... V:.....T:.....</p>	Item
23	<p>Clause 2.4 - Ordering of materials and goods</p> <p>F:..... V:.....T:.....</p>	Item
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Brought Forward		R
<u>Previous work and adjoining properties (B3)</u>		
24	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item
25	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item
26	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item
<u>The site (B4)</u>		
27	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item Item
28	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item
29	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item
30	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item
31	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item
32	Clause 4.6 - Services - known The contractor shall consult the Principal Agent before disconnecting any services. The contractor shall take special care not to damage any existing services that could have been foreseen or what have been shown to him by the Principal Agent. Damage to this services shall be for the contractor's account F:..... V:..... T:.....	Item
Carried Forward		R
Section No. 1 Bill No. 1 Preliminaries		

	Brought Forward		R
	<u>Management of contract (B5)</u>		
33	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item	
34	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item	
35	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item	
36	Clause 5 has been amended to include the following new sub-clause: Sub-clause 5.4 - Daily records The contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all sub-contractors on the works each day At the end of each week the contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries		

	Brought Forward		R
	<p><u>Samples, shop drawings and manufacturer's instructions (B6)</u></p>		
37	<p>Clause 6.1 - Samples of materials</p> <p>All material samples and colour samples must be submitted to the Principal Agent for selections and approval of the colour, shape and finish including mechanical, electrical and plumbing equipment that will be visible. The samples shall be provided in A4 size unless otherwise agreed. General samples shall be provided for Principal Agent/Employer to choose from each type of finish</p> <p>The Principal Agent/Employer may reject all or part of the submitted samples and request for additional selections if the first submission are not acceptable</p> <p>All samples must be kept in a sample room to be provided by the contractor for reference</p> <p>Sample Board:</p> <p>The contractor shall provide a board(s) of approved samples and make available one set at the site (sample room) and one for the Employer</p> <p>F:..... V:.....T:.....</p>	Item	
38	<p>Clause 6.2 - Workmanship samples</p> <p>Sub-clause 6.2 has been amended to include the following:</p> <p>The contractor shall provide a mock-up of all finished surfaces prior to commencement of the relevant work. The contractor shall only be permitted to commence with the relevant scope of work, on approval of the mock-up by the Principal Agent or its designated representative</p> <p>F:..... V:.....T:.....</p>	Item	
39	<p>Clause 6.3 - Shop drawings</p>		
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

	Brought Forward		R
40	<p>Sub-clause 6.3 refers – the following is to be added after the words 'and/or approval'</p> <p>Shop drawings shall be submitted to the principal agents for approval at least ten (10) working days weeks prior to the date on which such approval is required in order to comply with the programme</p> <p>All submissions shall be prepared in accordance with the contract drawings and specifications and/or any Principal Agents instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implications. Delays in approval of shop drawings due to non compliance with drawings, specifications and/or Principal Agent’s instruction shall not constitute grounds for any claims for delay, extension of time and the like</p> <p>The contractor shall be responsible for ensuring that all dimensions affecting shop drawings conform to the dimensions of built work</p> <p>Should the contractor, sub-contractor, supplier or manufacturer be of the opinion that corrections to shop drawings made by the Principal Agent, constitute a change to the scope of work, then he shall immediately advise the Principal Agent in writing of this, together with the cost and/or programme implications thereof, in order to obtain the Principal Agent’s directive</p>		
41	<p>Sub-clause 6.3.1 has been amended as follows:</p> <p>Replace the words “two (2) copies” with “four (4) copies” under bullet point number 6</p> <p>F:..... V:..... T:.....</p>	Item	
42	<p>Clause 6.4 - Compliance with manufacturer's instructions</p> <p>F:..... V:..... T:.....</p> <p><u>Deposits and fees (B7)</u></p>	Item	
43	<p>Clause 7.1 - Deposits and fees</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Brought Forward			R
<u>Temporary services (B8)</u>			
44	Clause 8.1 - Water F:..... V:..... T:.....	Item	
45	Clause 8.2 - Electricity F:..... V:..... T:.....	Item	
46	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item	
47	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item	
<u>Prime cost amounts (B9)</u>			
48	Clause 9.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
<u>General (B11)</u>			
49	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item	
50	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....	Item	
51	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item	
52	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item	
53	Clause 11.5 - Disturbance F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries			

	Brought Forward		R
54	<p>Clause 11.6 - Environmental disturbance</p> <p>The Contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial lighting, wind blown sand, dust, deposits of mud, etc.</p> <p>The Contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works</p> <p>F:..... V:.....T:.....</p>	Item	
55	<p>Clause 11.7 - Works cleaning and clearing</p> <p>Disposal of Waste Material, etc.</p> <p>The contractor shall provide appropriate equipment (such as chutes, if required), etc., for the rapid removal of waste material, etc., at points as agreed with the Principal Agent in writing. In addition, the contractor is to provide for adequate waste skips for the disposal of such material to be located in positions as advised by the Principal Agent in writing</p> <p>The contractor shall ensure that there is a maximum of a twenty four (24) hour turn-around time for the removal of all full waste skips from site. The contractor further acknowledges that the Employer reserves the right to appoint others to remove waste material and waste skips from site, should the contractor fail to meet the twenty four (24) hour turn-around time and that such costs shall be deducted from amounts due to the contractor</p> <p>F:..... V:.....T:.....</p>	Item	
56	<p>Clause 11.8 - Vermin</p> <p>F:..... V:.....T:.....</p>	Item	
57	<p>Clause 11.9 - Overhand work</p> <p>F:..... V:.....T:.....</p>	Item	
58	<p>Clause 11.10 - Tenant installations</p>		
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Brought Forward

R

SECTION C: SPECIFIC PRELIMINARIES

60 Health and Safety

Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (annexed to these bills of quantities) and that the Employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification

F:..... V:.....T:.....

Item

61 As Built Drawings

The contractor shall accurately record the details of the electrical, mechanical, security, fire installation, water reticulation details, construction breaks, etc., on drawings and issue same to the Principal Agent and the relevant agent for record purposes

F:..... V:.....T:.....

Item

62 Personal Protective Equipment

The contractor shall provide and keep on site an adequate supply of clean safety helmets and reflective vests for the use of all professional personnel and all authorised visitors

F:..... V:.....T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
Preliminaries

	Brought Forward		R
63	<p>Site Access for and Management of Direct Contracts</p> <p>The contractor shall allow direct contractors appointed by the Employer to access the site to execute work which does not form part of the Principal Building Agreement, concurrently with that of its (the principal building contractor), work. In this regard, the contractor shall provide any necessary assistance (e.g. ensuring placement of material orders, monitoring the manufacturing process, monitoring of raw materials availability, programming of works, etc.), to the principal agent in respect of management of any direct contracts.</p> <p>In this regard, it shall be deemed that all allowances have been made in the contract amount to ensure compliance with this clause</p> <p>F:..... V:.....T:.....</p>	Item	
64	<p>Precontract Engagement</p> <p>Contractors shall be engaged prior to issuance of site possession to facilitate all necessary precontract work which shall include the construction work permit application, procurement of specialist sub-contractors, finalisation of contract and any design coordination between the contractor and the professional team. Contractors will be required to make the necessary allowances for such work during this period as no claims for additional preliminaries will be entertained</p> <p>Contractor to allow for a period of 30 (thirty) working days for the above</p> <p>F:..... V:.....T:.....</p>	Item	
	<u>Contract Provisions</u>		
65	Tender Data Schedule	Item	
66	General Conditions of Contract	Item	
67	Special Conditions of Contract	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries		

Brought Forward

R

68

Contract Data

F:..... V:..... T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
Preliminaries

Brought Forward

R

SECTION D: MONETARY ALLOWANCES

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Final Summary

R

Section No. 1
Bill No. 1
Preliminaries

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS (PROVISIONAL)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>View site</u></p> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent.</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent.</p>			
	Carried Forward		R	
	<p>Section No. 2 Bill No. 1 Alterations (Provisional)</p>			

Brought Forward	R
<p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately.</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc.</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing.</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork.</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary.</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc.).</p> <p>Items described as to be re-used or to be handed over to the Client are to be carefully dismantled where necessary and stacked on site where directed, and the Contractor will be responsible for their removal and storage until required, and shall make good all items missing, damaged or broken at his own expense.</p> <p>Unless otherwise described, no materials from the alterations shall be re-used in any new work without the written approval of the client.</p>	
<p style="text-align: center;">Carried Forward</p> <p>Section No. 2 Bill No. 1 Alterations (Provisional)</p>	

	Brought Forward			R
	Prices are to include for carting away from site all materials not specifically mentioned as being stored on site for re-use or handed over to the client and all rubbish, debris, etc., arising from the alterations, etc., and for making good all work damaged or disturbed to the approval of the client.			
	<u>TEMPORARY WORKS</u>			
	<u>Temporary protection, dust control, etc.</u>			
1	Allow for protecting all existing work liable to suffer damage (i.e. walls, finishes, floors, windows, furniture, equipment, etc.) from damage during and building operations, alterations, etc., and make good all work damaged with new material to match existing to the approval of the Principal Agent	No	1	10,000.00
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc (making good finishes elsewhere)</u>			
2	Roller shutter door 5000 x 2400m high	No	1	
	<u>BUDGETARY ALLOWANCES</u>			
	<u>The following budgetary allowances are for work to be executed either by the contractor or any nominated / selected sub-contractor as instructed by the principal agent and priced at bill rates to be agreed in terms of the contract. Tenderers are to allow in their overall preliminaries costs for this scope of work as no additional Preliminaries will be entertained should this work proceed.</u>			
	<u>The Employer reserves the right to execute this work in part or in whole or omit the entire scope.</u>			
3	Provide the amount of R R20 000.00 (Twenty Thousand Rand) for Sundry Building Works			
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 1			
	Alterations (Provisional)			

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>CEILING, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Unless otherwise described, prices for partitions shall be deemed to include for standard flat section aluminium skirting on boarded sides</p> <p>Wall paper and paint or varnish finishes are given separately</p> <p><u>PARTITIONS. ETC.</u></p> <p><u>DRYWALL PARTITIONS</u></p> <p><u>"Pelican Systems JUMBO FireWall" or other equal and approved 2 hour fire rated partition system with overall thickness of 124mm comprising internal framing formed of 63mm galvanised steel studs fixed at 600mm centres to galvanised steel top and bottom track, including any additional steel studding necessary at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with two layers of 15mm thick JUMBO Fire Resistant Plasterboard in single lengths to suit height, butt jointed and secured to studding with 25 and 41mm drywall screws at maximum 300mm centres, the joints taped over and flushed over with jointing compound prepared for painting</u></p>			
1	Partitions 2500m high with bottom and top tracks plugged	m	15	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2 Bill No. 2 Ceilings, Partitions and Access Flooring (Provisional)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 3</u>			
	<u>FLOOR COVERINGS, WALL LININGS, ETC (PROVISIONAL)</u>			
	The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Fixing</u>			
	Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc			
	<u>FLOOR COVERINGS</u>			
	<u>2.5mm Thick "Belgotex" or other equal and approved fully flexible sheeting with welded joints</u>			
1	On floors	m2	35	
	<u>"Belgotex" or other equal and approved heavy duty commercial carpet</u>			
2	On floors	m2	20	
	<u>SCREEDS</u>			
	<u>"Tal Screedmaster" or other equal and approved</u>			
3	On floors	m2	55	
	<u>"TAL" Vapourscreen WB or equally approved</u>			
4	On floors	m2	55	
	<u>POLISH, SEALERS, ETC</u>			
5	Polish on vinyl flooring	m2	35	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 3			
	Floor Coverings, Wall Lining, Etc (Provisional)			

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</u></p> <p><u>METALWORK (PROVISIONAL)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions of bolts, anchors, etc.</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p> <p><u>Aluminium doors, windows, etc</u></p> <p>Glazing shall comply with SAGGA regulations. Glass shall be 6mm thick toughened safety glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules /drawings.</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed.</p> <p>For purpose made windows and doors, refer to drawings annexed to these bills of quantities.</p> <p>The following certificates shall be provided prior to commencement of site work:</p>			
	Carried Forward		R	
	<p>Section No. 2 Bill No. 4 Metalwork (Provisional)</p>			

<p style="text-align: center;">Brought Forward</p> <ol style="list-style-type: none"> 1. A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product. 2. A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively. 3. A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process. 4. A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked. 5. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years. <p>Rates shall include for the following:</p> <ol style="list-style-type: none"> 1. All opening and fixed lights, coupling mullions and transoms, support steelwork, fittings, ironmongery, etc., as required and specified. 2. Complete glazing as described, with and including matching aluminium glazing beads and gaskets and glazed in accordance with the manufacturer's written instructions. 3. Building in and fixing into preformed openings. Window opening sizes to be verified on site before windows can be manufactured. Shop drawings to be submitted for approval. 4. Silicone pointing with a silicone sealant recommended by AAAMSA on all door / window and structure junctions. <p><u>ALUMINIUM SHOPFRONTS</u></p>	<p>R</p>
<p style="text-align: center;">Carried Forward</p> <p>Section No. 2 Bill No. 4 Metalwork (Provisional)</p>	<p>R</p>

	Brought Forward				R
	<u>Powder coated aluminium shopfronts, as per SANS 1016, complete with subframes, ironmongery, 6.38mm laminated safety glass, sealing, vinyl signage, etc. and fixing to brickwork or concrete</u>				
1	Purpose made glazed shopfront size 1905 x 2500mm High (SF2) with door size 900 x 2400mm high (D064) (Colour: Matt Charcoal)	No	1		
2	Purpose made glazed shopfront size 2760 x 2500mm High (SF4) with door size 900 x 2400mm high (D064) (Colour: Matt Charcoal)	No	1		
3	Purpose made glazed shopfront size 3685 x 2500mm High (SF3) with door size 900 x 2400mm high (D064) (Colour: Matt Charcoal)	No	1		
4	Purpose made glazed shopfront size 3700 x 2500mm High (SF1) (Colour: Matt Charcoal)	No	1		
5	Purpose made glazed shopfront size 5000 x 2400mm High (SF4) (Colour: Matt Charcoal)	No	1		
	<u>BUDGETARY ALLOWANCES</u>				
	<u>The following budgetary allowances are for work to be executed either by the contractor or any nominated / selected sub-contractor as instructed by the principal agent and priced at bill rates to be agreed in terms of the contract. Tenderers are to allow in their overall preliminaries costs for this scope of work as no additional Preliminaries will be entertained should this work proceed.</u>				
	<u>The Employer reserves the right to execute this work in part or in whole or omit the entire scope.</u>				
6	Provide the amount of R 10 000.00 (Ten Thousand Rand) for laser cut aluminium signage		Item		10,000.00
	Carried Forward to Summary of Section No. 2				
	Section No. 2 Bill No. 4 Metalwork (Provisional)				R

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 5</u>			
	<u>PAINTWORK (PROVISIONAL)</u>			
	The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>PREPARATORY WORK TO EXISTING WORK</u>			
	<u>Previously painted plastered surfaces</u>			
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
	<u>PAINT SPECIFICATIONS</u>			
	All painting shall be done in accordance with "Plascon" or other equal and approved specifications unless otherwise described			
	<u>PAINTWORK ETC TO NEW WORK</u>			
	<u>ON PLASTERBOARD SURFACES</u>			
	<u>One coat "PLASCON" trade alkali resistant plaster primer and two coats "PLASCON" essential collection for interior use or equally approved (Colour: Silver 38)</u>			
1	Drywall Partitions	m2	32	
	<u>One coat "PLASCON" trade alkali resistant plaster primer and two coats "PLASCON" double velvet for interior use or equally approved (Colour: Park Water B4-C2-1)</u>			
2	Drywall Partitions	m2	17	
	Carried Forward			R
	Section No. 2 Bill No. 5 Paintwork (Provisional)			

Brought Forward					
<p><u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u></p> <p><u>ON INTERNAL FLOATED PLASTER SURFACES</u></p> <p><u>One coat "PLASCON" trade alkali resistant plaster primer and two coats "PLASCON" essential collection for interior use or equally approved (Colour: Silver 38)</u></p>					
3	Walls	m2	12		R
<p><u>One coat "PLASCON" trade alkali resistant plaster primer and two coats "PLASCON" double velvet for interior use or equally approved (Colour: Park Water B4-C2-1)</u></p>					
4	Walls	m2	11		
<p>Carried Forward to Summary of Section No. 2</p>					
<p>Section No. 2 Bill No. 5 Paintwork (Provisional)</p>					
					R

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 6</u></p> <p><u>ELECTRICAL INSTALLATION (PROVISIONAL)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><u>ELECTRICAL INSTALLATION</u></p> <p><u>Electrical installation as detailed on attached Bills of Quantities</u></p> <p>Tenderers are to note that the sum included the amount column for this section of the Bill of Quantities, should be the total of all priced items in the Electrical Installation, Bill of Quantities as attached hereafter.</p>			
1	Electrical Installation (transferred from page 3 of the attached Electrical BOQ)	Item		
	Carried Forward to Summary of Section No. 2			R
	Section No. 2 Bill No. 6 Electrical Installation (Provisional)			

ELECTRICAL INSTALLATION					
Internal Installation					
Item	Description	Unit	Quantity	Rate	Amount
1	<u>Draw Wires</u>				
1.1	Supply and install a 0,6mm diameter galvanised draw wire in sleeves and conduit for data installation				
1.1.1	Supply	m	20		
1.1.2	Install	m	20		
2	<u>Conduit Work</u>				
	Supply, delivery and installation of SABS approved PVC Conduits completed with all required conduit accessories.				
	<u>Built or Chase into brick or concrete work. In Ceiling space and Timber work:</u>				
2.1	20mm PVC Conduit				
2.1.1	Supply	m	20		
2.1.2	Install	m	20		
2.2	25mm PVC Conduit				
2.2.1	Supply	m	40		
2.2.2	Install	m	40		
3	<u>Conduit Boxes</u>				
3.1	20mm diameter round boxes for wiring and unswitched 5A Plugs				
3.1.1	Supply	No	5		
3.1.2	Install	No	5		
4	<u>Wall Boxes</u>				
	Supply and installation of SABS approved galvanised pressed steel wall boxes for building flush into brickwork or cast into concrete work.				
	<u>Flush mounted type:</u>				
4.2	100 x 100 x 50mm				
4.2.1	Supply	No	5		
4.2.2	Install	No	5		
5	<u>PVC Wiring</u>				
	<u>PVC Wiring in conduits:</u>				
5.1	2.5mm ² for lights circuits.housewire (Red, Black, Green)				
5.1.1	Supply	m	30		
5.1.2	Install	m	30		
5.2	4mm ² for plug sockets circuits and mechanical units.housewire (Red, Black, Green)				
5.2.1	Supply	m	50		
5.2.2	Install	m	50		
Sub Total Carried Forward					R -

Item	Description	Unit	Quantity	Rate	Amount
Sub Total Brought Forward					R -
6	<u>Light Switches</u> Supply and installation of SABS approved type 16A flush and surface type light switches. Final paint finishes shall be confirmed at a later stage, allowance shall however be made as specified in the general specification. All boxes for flush mounting meas				
6.1	Occupancy sensor				
6.1.1	Supply	No	1		
6.1.2	Install	No	1		
7	<u>Socket Outlets</u> Supply and installation of SABS approved switched and unswitched type flush and surface mounted type 16A switched socket outlets suitable for mounting in flush steel wall boxes or in steel pedestal units or on surface. <u>Flush switched sockets type:</u>				
7.1	16A New Dedicated Socket Outlet				
7.1.1	Supply	NO	2		
7.1.2	Install	NO	2		
7.2	16A Single Switch Normal Socket Outlet, Recessed Mounted @400mm AFFL				
7.2.1	Supply	NO	1		
7.2.2	Install	NO	1		
7.3	Euro Plug Socket				
7.3.1	Supply	NO	1		
7.3.2	Install	NO	1		
8	<u>Power Skirting</u> Steel 2 Compartment Power Skirting, Easter Oak, with End Caps Slices and Accessories				
8.1	Steel 2 Compartment Power Skirting, Easter Oak, with End Caps Slices and Accessories				
8.1.1	Supply	m	25		
8.1.2	Instal	m	25		
8.2	16A Single Switch Normal Socket Outlet, Recessed Mounted @400mm AFFL				
8.2.1	Supply	NO	10		
8.2.2	Install	NO	10		
8.3	Euro Plug Socket				
8.3.1	Supply	NO	10		
8.3.2	Install	NO	10		
8.4	DATA Outlet -100mm x 100mm Wall Box with 1 x 25mm Conduit to DATA Duct				
8.4.1	Supply	NO	10		
8.4.2	Install	NO	10		
Sub Total Carried Forward					R -

	Description	Unit	Quantity	Rate	Amount
	Sub Total Brought Forward				R -
9	Isolator				
9.1	30A Isolator @1200mm AFL				
9.1.1	Supply	No	1		
9.1.2	Install	No	1		
10	Access Control System				
10.1	Provide the sum of R15000 for Installation of CCTV and related accessories	Item	1		
10.2	Contractors Markup	Item	%		
10.3	Contractors Attendance	Item	%		
	Total for internal installation Carried to Summary of Cost (Excl.VAT)				R -

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>MECHANICAL INSTALLATION (PROVISIONAL)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><u>MECHANICAL INSTALLATION</u></p> <p><u>Mechanical installation as detailed on attached Bills of Quantities</u></p> <p>Tenderers are to note that the sum included the amount column for this section of the Bill of Quantities, should be the total of all priced items in the Mechanical Installation, Bill of Quantities as attached hereafter.</p>			
1	Mechanical Installation (transferred from page 4 of the attached Mechanical BOQ)	Item		
	Carried Forward to Summary of Section No. 2			R
	Section No. 2 Bill No. 7 Mechanical Installation (Provisional)			

ITEM	DESCRIPTION AREA	UNIT	QTY	RATE	AMOUNT	
	BILL No. 1 : PRELIMINARY & GENERAL					
1.1	Compliance with General Conditions of Contract : Insurances, Sureties, etc as outlined in the Principal Contractor's Preliminaries.					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1.2	Establish on Site and provision of buildings and storage facilities including de-establishment of site, cleaning and tidying up after completion of contract					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1.3	Tools and equipment, Communication, transport.					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1.4	Contract Management, Company overheads and supervision of the Works including attendance of site meetings (2 per month).					
	Fixed	Item	1			
	Value Related	Item	1			
	Time Related	Item	1			
1.5	Provision of all drawings and manuals as specified including As-Installed drawings	Item	1			
1.6	Provision of all drawings and CoC's for DB as specified including As-Installed drawings, connection of air-conditioning units to electrical isolator provided by others, for HVAC Installation work.	Item	1			
1.7	Compliance with Construction Regulations and Health & Safety Act.	Item	1			
1.8	The Contractor to investigate the Fan Coil Unit Compatibility with the Existing Central HVAC Chiller plants, to identify the Chiller plant supply this area. And to make sure that the existing HVAC systems may work better with certain brands or models.	Item	1			
TOTAL CARRIED FORWARD TO SUMMARY PAGE					R	-

ITEM	DESCRIPTION AREA	UNIT	QTY	RATE	AMOUNT
	BILL No. 2: THE RADIO				
4.1	CEILING CONCEALED FAN COIL UNIT				
4.1.1	Supply, Install, test, commission and provide 12 month guarantee for Water Chilled Fan Coil - 2 Pipe Cooling only with Electric Heating - 3 Speed AC fan with the AirFlow of 878 m ³ /h, Total Cooling/Heating 5.81KW at ESP 30Pa incl. all hanger, brackets, wired remote controller and etc.	No.	1		
4.2	ELECTRIC HEATERS AND WALL THERMOSTAT				
4.2.1	Supply, Install, test, commission and provide 12 month guarantee for 1KW Electric Heater and Wall Thermostat, Incl.all hangers and brackets.	No.	1		
4.3	VALVE				
4.3.1	Supply, install, test, commission and provide 12 month guarantee for 2-Way Control Valve Kit - 220V On/Off Actuator (Supplied loose).	No.	1		
4.4	GALVANISED SHEET METAL DUCTING				
4.2.1	Supply, Install, test, commission and provide 12 month guarantee for 125mm ϕ Duct.	m	15		
4.2.2	Supply, Install, test, commission and provide 12 month guarantee for 195mm ϕ Duct.	m	5		
4.2.3	Supply, Install, test, commission and provide 12 month guarantee for 285mm ϕ Duct.	m	5		
4.5	FLEXABLE DUCTING				
4.3.1	Supply, Install, test, commission and provide 12 month guarantee for 125mm diameter Insulated Flexible Ducting.	m	3		
4.3.2	Supply, Install, test, commission and provide 12 month guarantee for 195mm diameter Insulated Flexible Ducting.	m	1		
4.3.3	Supply, Install, test, commission and provide 12 month guarantee for 285mm diameter Insulated Flexible Ducting.	m	1		
4.4	SPIGOT				
4.4.1	Supply, Install, test, commission and provide 12 month guarantee for 125mm diameter Spigot.	m	4		
4.5	STOP END				
4.5.1	Supply, Install, test, commission and provide 12 month guarantee for 125mm dia duct stop end.	m	2		
	Carried forward to Next Page				

ITEM	DESCRIPTION AREA	UNIT	QTY	RATE	AMOUNT
	Carried forward from Previous Page				
4.6	AIR-DAMPERS				
4.6.1	Supply, Install, test, commission and provide 12 month guarantee for air balancing damper to fit 125mm diameter spigot.	m	4		
4.6.2	Supply, Install, test, commission and provide 12 month guarantee for air balancing damper to fit 195mm diameter spigot.	m	1		
4.6.3	Supply, Install, test, commission and provide 12 month guarantee for air balancing damper to fit 285mm diameter spigot.	m	1		
4.7	FIRE-DAMPERS				
4.7.1	Supply, Install, test, commission and provide 12 month guarantee for balancing damper to fit 125mm diameter spigot.	m	2		
4.7.2	Supply, Install, test, commission and provide 12 month guarantee for balancing damper to fit 195mm diameter spigot.	m	1		
4.7.3	Supply, Install, test, commission and provide 12 month guarantee for balancing damper to fit 258mm diameter spigot.	m	1		
2.11	CEILING MOUNTED SUPPLY AIR-DISC VALVES				
2.11.1	Supply, install, test and commission and provide 12 month guarantee for air ceiling mounted supply air disc valve of 125mm dia, with hangers, brackets and etc.	No.	0		
2.12	HANGERS AND BRACKETS				
2.12.1	Supply, Install, test, commission and provide 12 month guarantee for all hangers, brackets and etc for ventilation system (Fan Coil Unit).	Sum	1		
TOTAL CARRIED FORWARD TO SUMMARY PAGE					

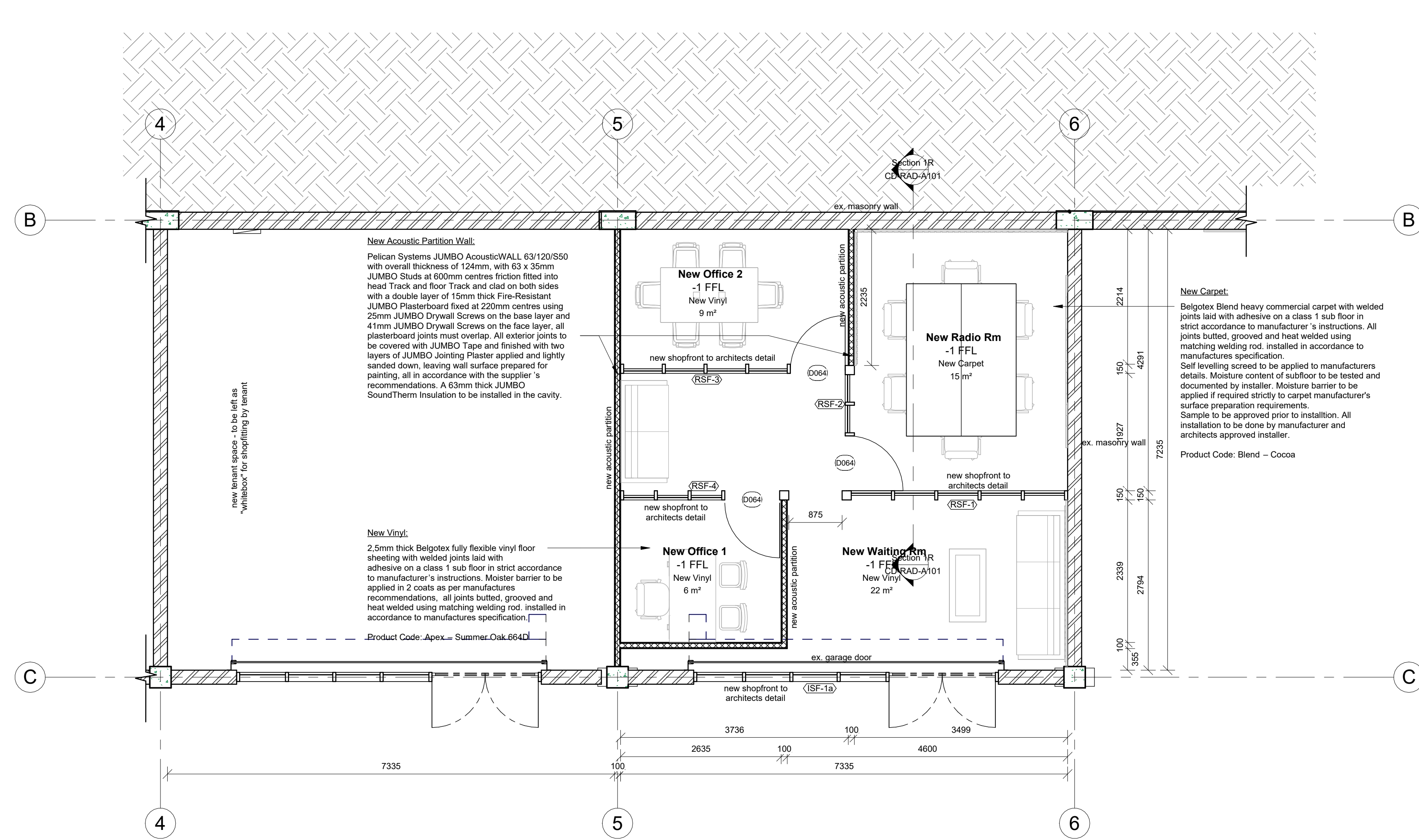
ITEM	DESCRIPTION AREA	AMOUNT
1	BILL No. 1: PRELIMINARY & GENERAL	
2	BILL No.2: THE RADIO	
3	SUB-TOTAL - 1	
4	CONTINGENCY @5 %	
5	SUB-TOTAL - 2	
6	VALUE ADDED TAX (VAT) 15%	
7	FINAL VALUE INCL. VAT CARRIED FORWARD TO FINAL SUMMARY	

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 8</u>			
	<u>PROVISIONAL SUMS</u>			
	The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)			
	<u>PROVISIONAL SUMS</u>			
	<u>Fabric Panelling</u>			
1	Provide the sum of R 1500.00 (One Thousand, Five Hundred Rand) for acoustic fabric panelling	Item		1,500.00
2	Profit	%		
3	Attendance	%		
	<u>Timber Cladded Acoustic Panelling</u>			
4	Provide the sum of R130 000.00 (One Hundred and Thirty Thousand Rand) for timber cladded acoustic panelling	Item		130,000.00
5	Profit	%		
6	Attendance	%		
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2			
	Bill No. 8			
	Provisional Sums			

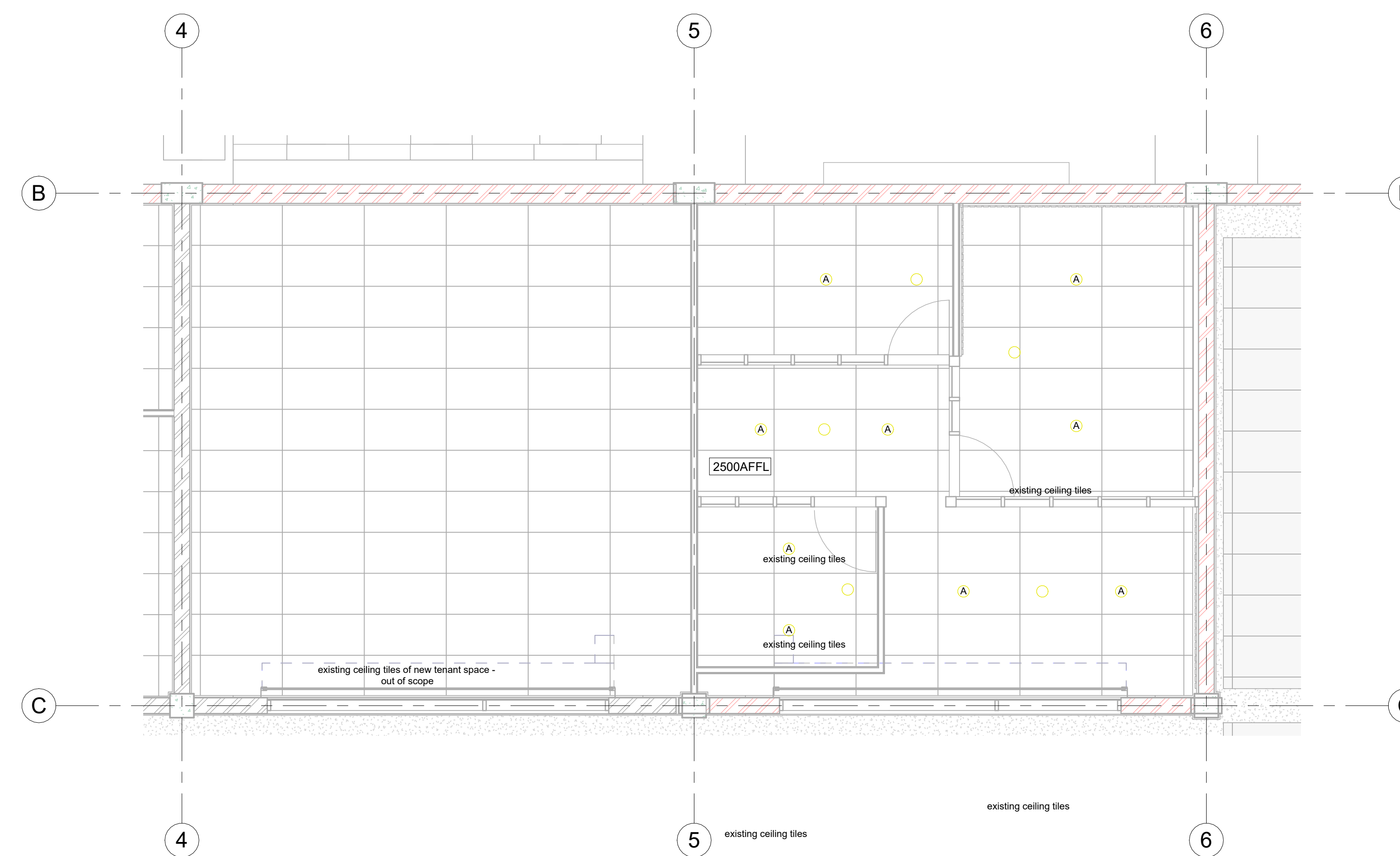
Bill No	<u>SECTION SUMMARY - Builders Work</u>	Page No	Amount
1	Alterations (Provisional)	24	
2	Ceilings, Partitions and Access Flooring (Provisional)	25	
3	Floor Coverings, Wall Lining, Etc (Provisional)	26	
4	Metalwork (Provisional)	29	
5	Paintwork (Provisional)	31	
6	Electrical Installation (Provisional)	32	
7	Mechanical Installation (Provisional)	33	
8	Provisional Sums	34	
Carried to Final Summary			R
Section No. 2			

**RADIO STATION FIT OUT
MANGOSUTHU UNIVERSITY OF TECHNOLOGY**

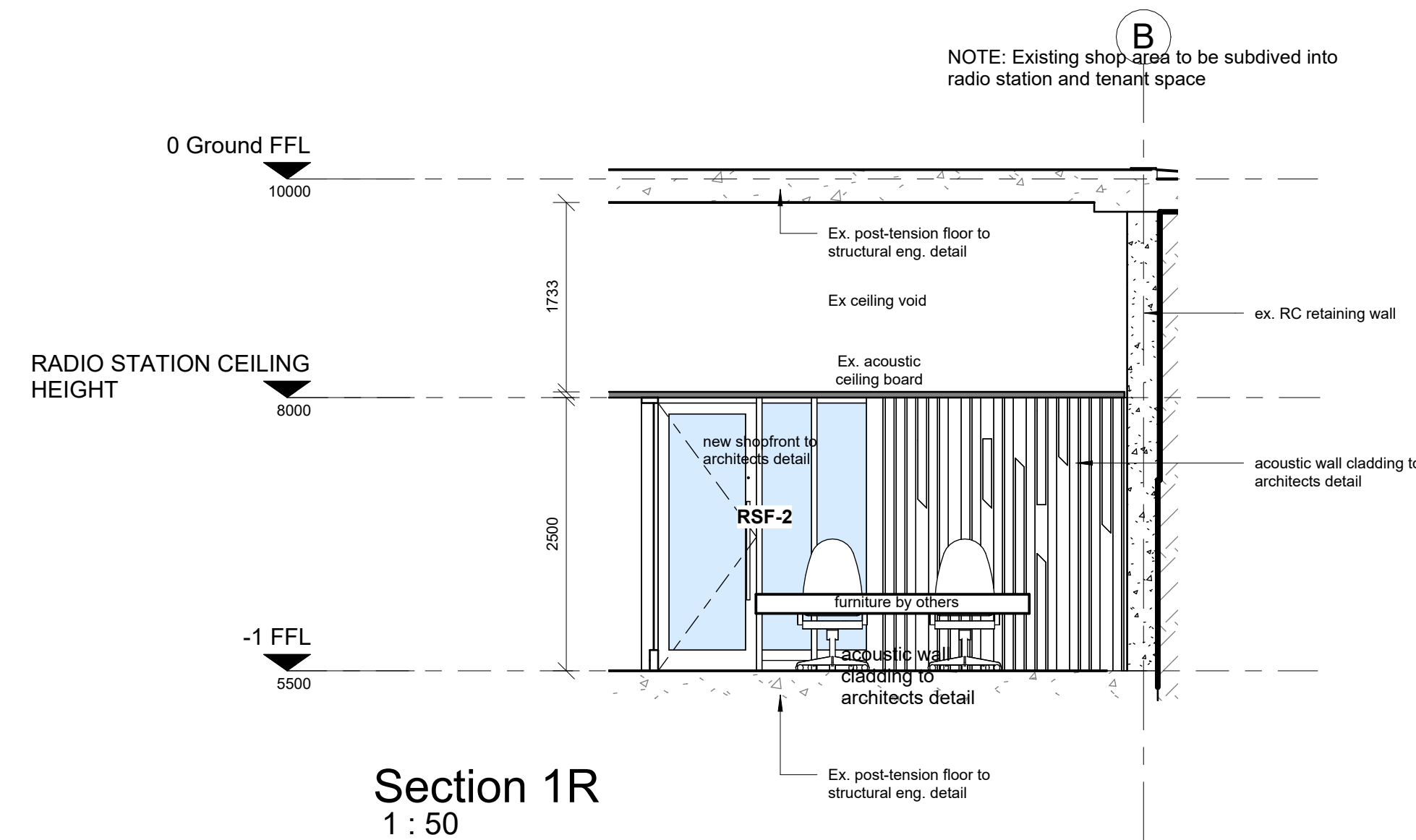
Section No	<u>FINAL SUMMARY</u>	Page No		Amount
1	PRELIMINARIES	21		
2	BUILDERS WORK	35		
	SUB-TOTAL		R	
	ADD: CONTINGENCY ALLOWANCE	Item		55,000. 0
	SUB-TOTAL		R	
	ADD: VAT @ 15% OF THE SUB-TOTAL ABOVE		R	
	TOTAL		R	
	Carried to Form of Tender		R	



-1 FFL Proposed Radio Station
1 : 50



-1 Radio Station Ceiling Plan
1 : 50



Section 1R
1 : 50

ID	QUANTITY	LOCATION	UNIT DIMENSIONS	FRAME	GLAZING	HINGES	SIGNAGE
RSF-1	1	-1 FFL - New Radio Station	SF-1: 3700 x 2500 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing. TBC by architect
RSF-2	1	-1 FFL - New Radio Station	SF-2: 1905 x 2500 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing. TBC by architect
RSF-3	1	-1 FFL - New Radio Station	SF-3: 3685 x 2500 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing. TBC by architect
RSF-4	1	-1 FFL - New Radio Station	SF-4: 2760 x 2500 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing. TBC by architect
ISF-1a	1	-1 FFL - Radio Station	ISF-1: 5000 x 2400 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing. TBC by architect

TYPE	FRAME	GLAZING	FINISH	NOTES	LOCATION
D064 - 2400 x 900 mm	Aluminium frame to suit door and shopfront. Complete with 1.5 pairs aluminium sinkless hinges	Single glazed 6.38mm laminated safety glass Colour: Neutral	Powder coated aluminium, Interpon Class 1 D1025 Matt Charcoal LLP258P	Refer to ironmongery schedules Frame to allow for roller catch	New Radio Station

GENERAL DRAWING NOTES

- THE DESIGN ON THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECTS.
- ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MUNICIPAL REGULATIONS.
- DRAWINGS NOT TO BE SCALED. ONLY ANNOTATED DIMENSIONS TO BE USED.
- ALL RELEVANT DATUM LEVELS, DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS ARE TO BE CHECKED BY THE MAIN CONTRACTOR AND ANY DISCREPANCIES ON THE DRAWINGS BETWEEN THE DRAWINGS ARE TO BE REFERRED TO THE ARCHITECT.
- CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDERING AND MANUFACTURE.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO MANUFACTURE.

NOTES FOR ELECTRONIC DRAWINGS

- THIS DRAWING MAY BE ISSUED ELECTRONICALLY.
- PLEASE REFER ALSO TO REVISION NOTES ON THESE DRAWINGS.

No.	Description	Date	By

REVISIONS

No. Description Date By

Ceiling Plan Key

- A Relocated light fixture
- B Proposed light sensor

All electrical fixtures strictly to Elec. Engineers details and specifications



Owner/Client: MANGOSUTHU UNIVERSITY OF TECHNOLOGY

Arch. Signature: KP MAWESANA

Arch. Council no.: PRArch 7902



Project Title:
PLAN NO.0174.12.13 STUDENT CENTRE FOR MANGOSUTHU UNIVERSITY OF TECHNOLOGY ON (ERF 13 OF UMLAZI S SECTION)

301 GRIFFITHS MIXENGE HIGHWAY
UMEDACI
DURBAN
4001

TENDER: CONSTRUCTION: SUBMISSION:
APPROVAL: INFORMATION: DATE: 2020/01/27

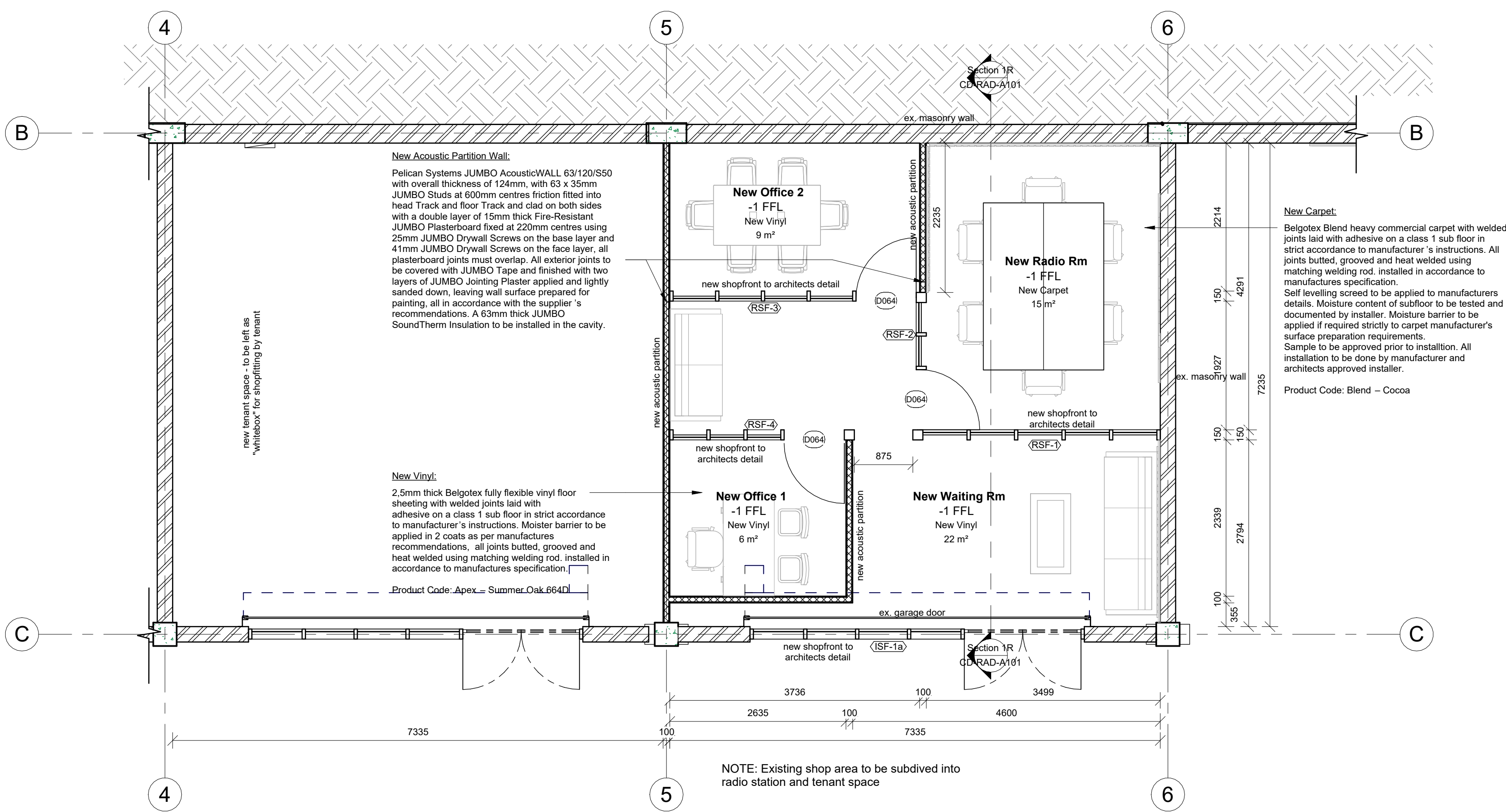
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drawn : L.C. K.N

Drawing Description:
Tender Drawing

Proposed Radio Station

Job No.	Drawing No.	Rev.
S-325.1	CD-RAD-A101	

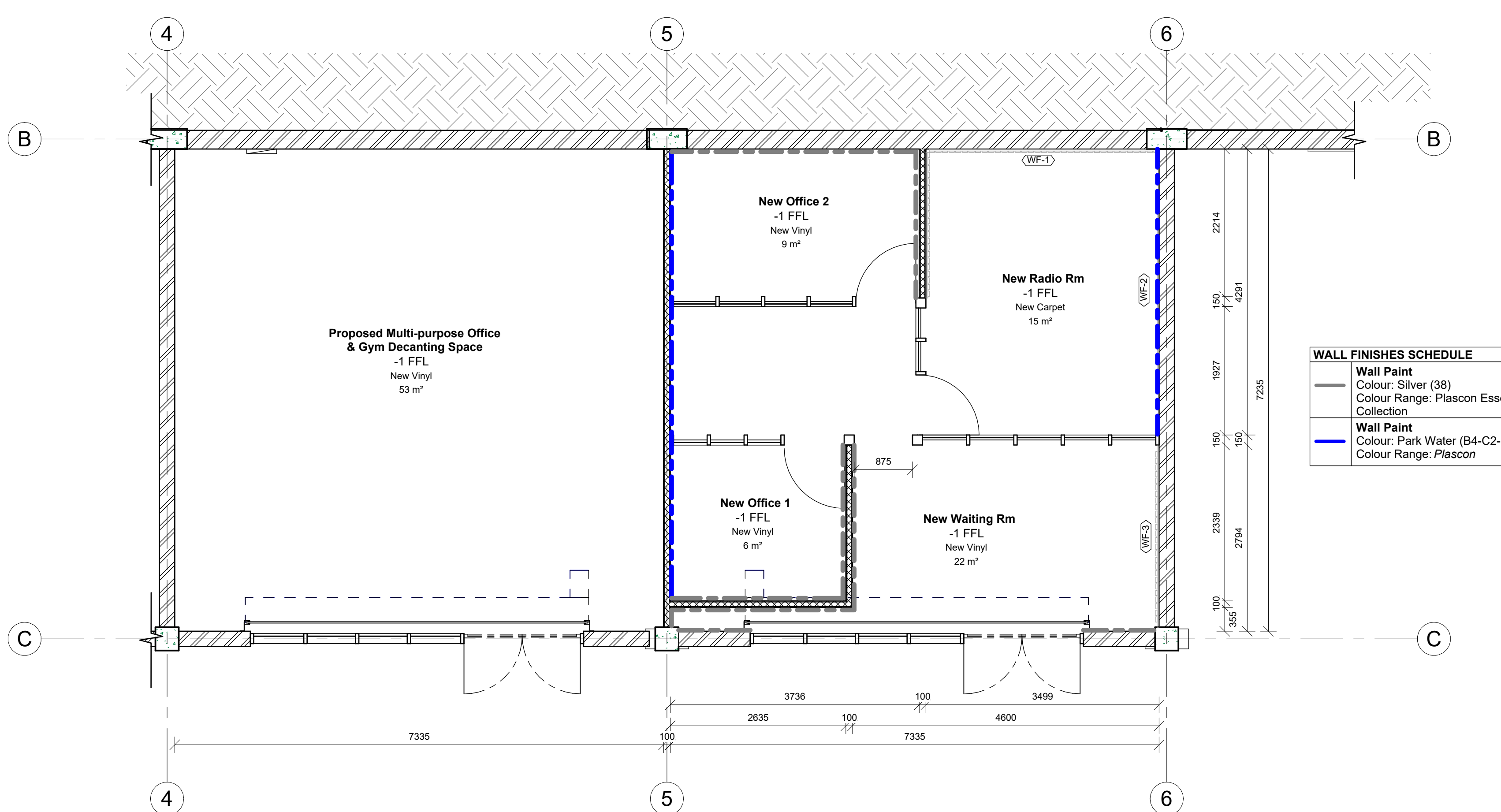
NEW MUT RADIO STATION



-1 FFL Proposed Radio Station
1 : 50

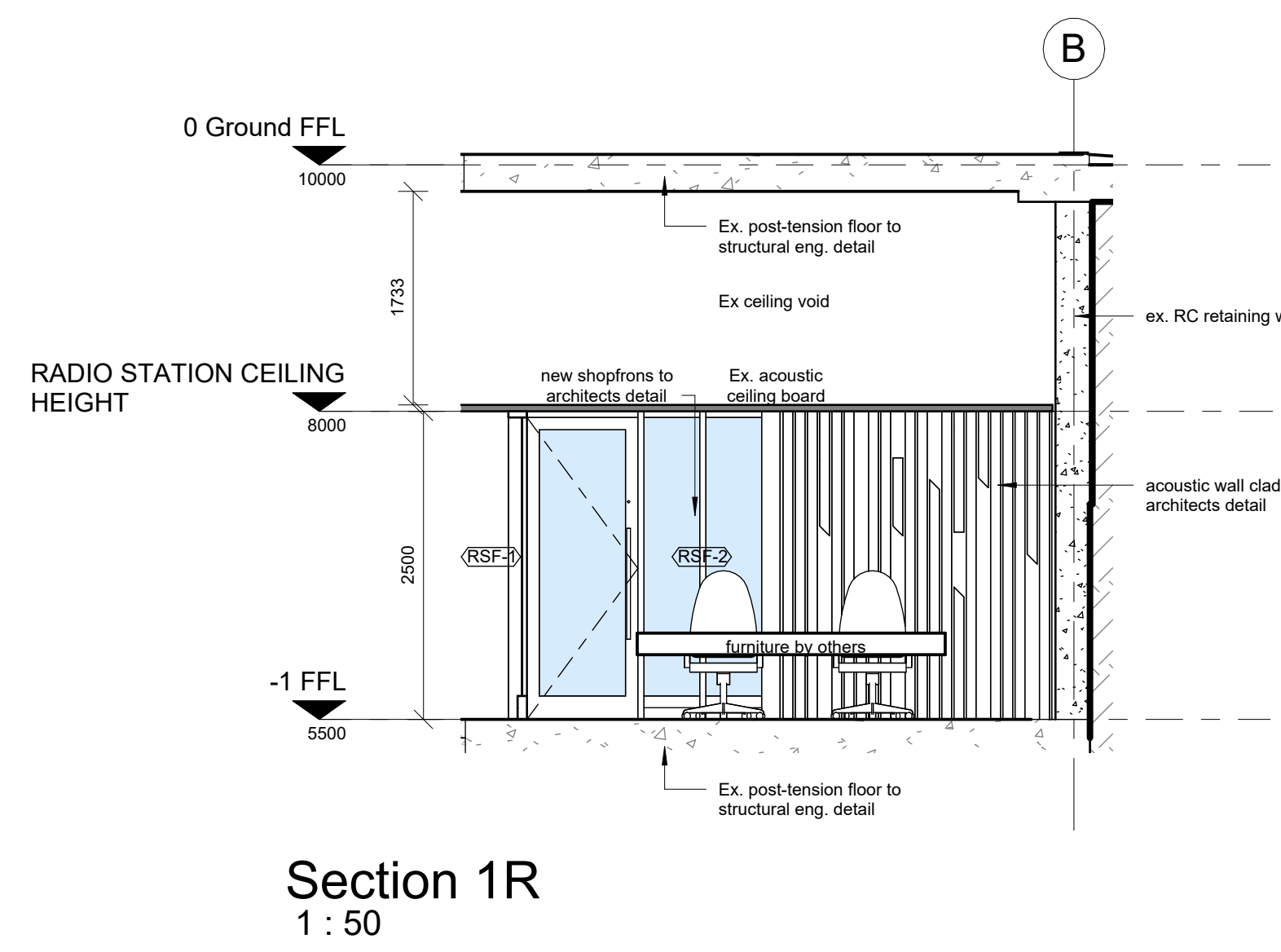


-1 Radio Station Ceiling Plan
1 : 50

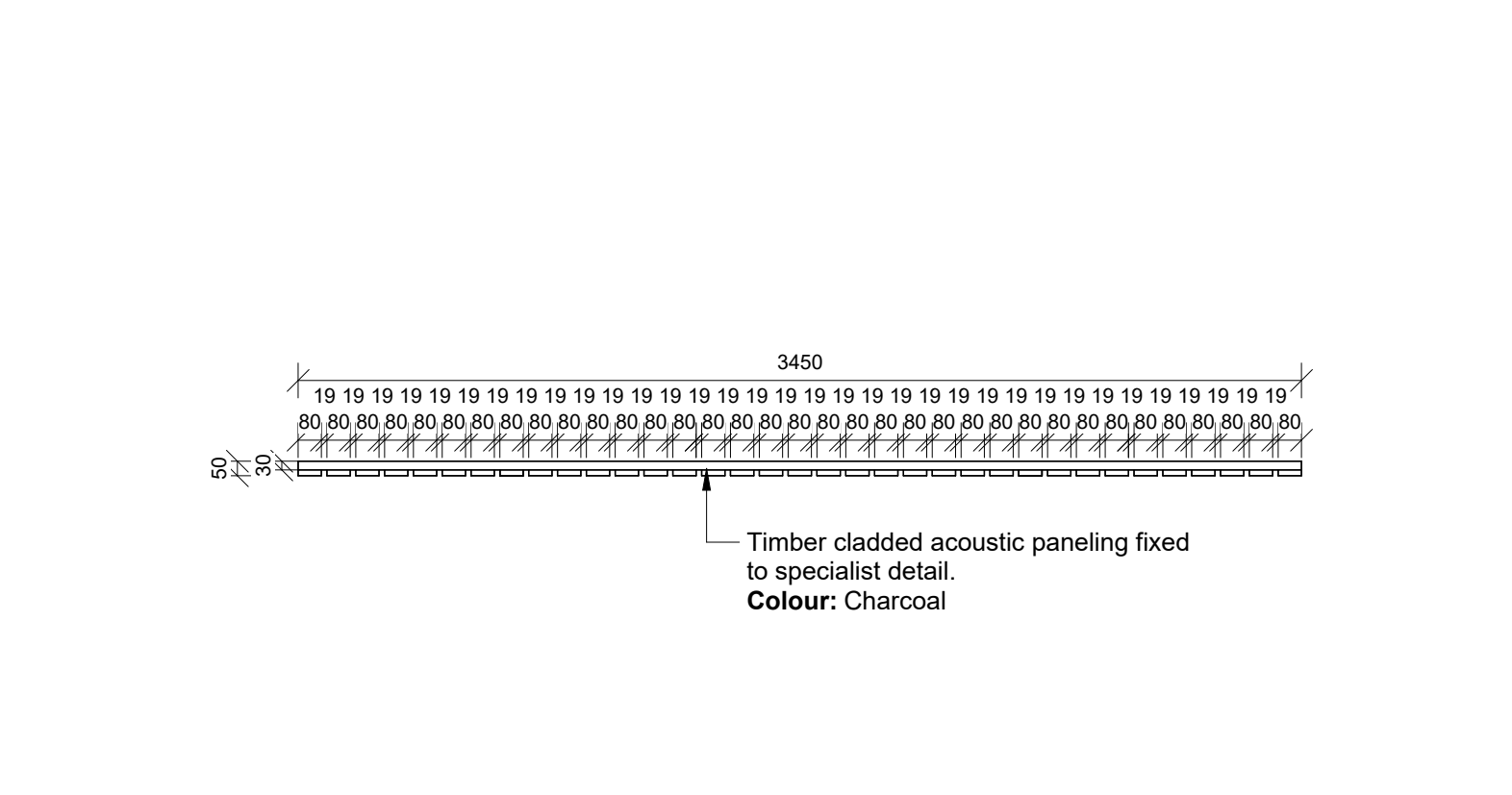


-1 FFL Proposed Radio Station
Wall Finishes Layout Plan
1 : 50

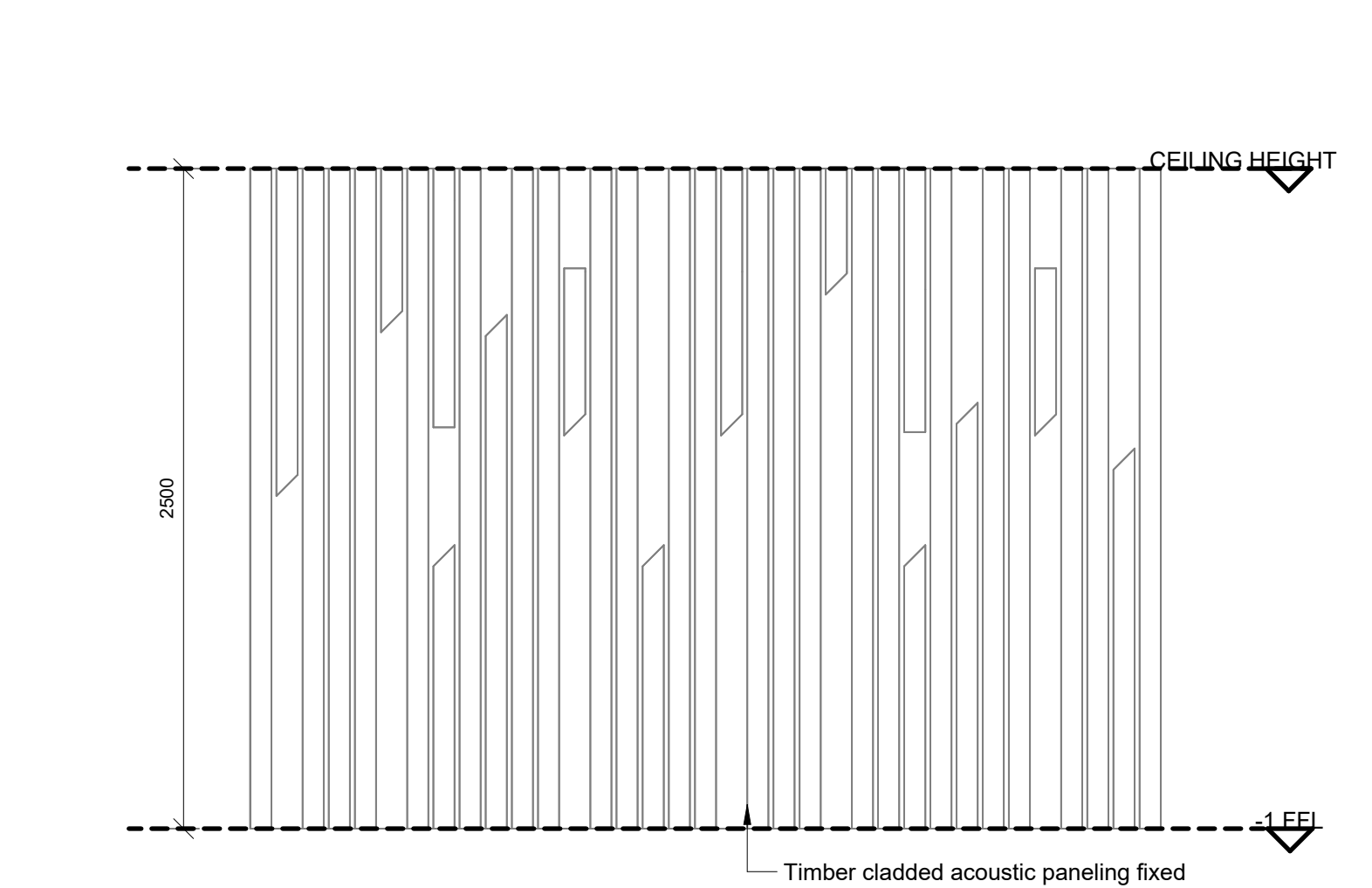
GENERAL DETAILS



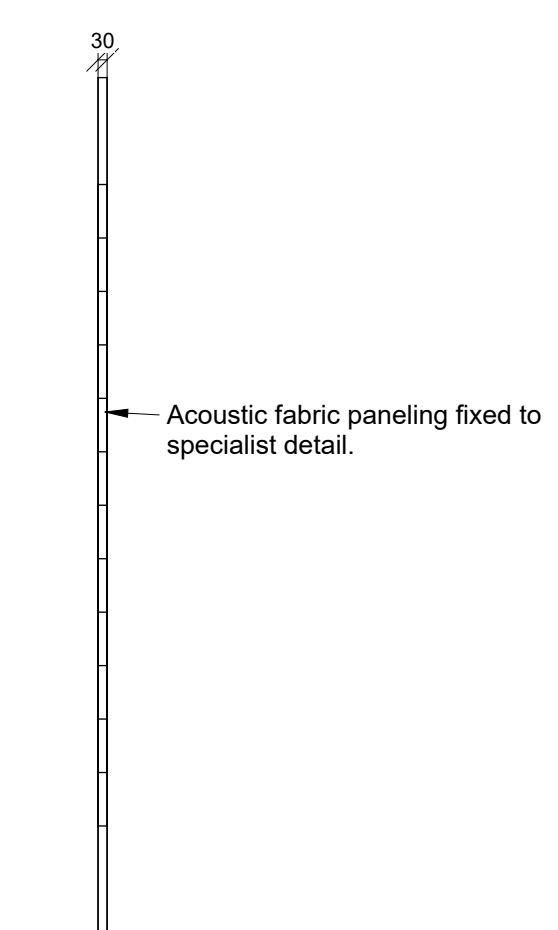
ACOUSTIC PANEL DETAILS



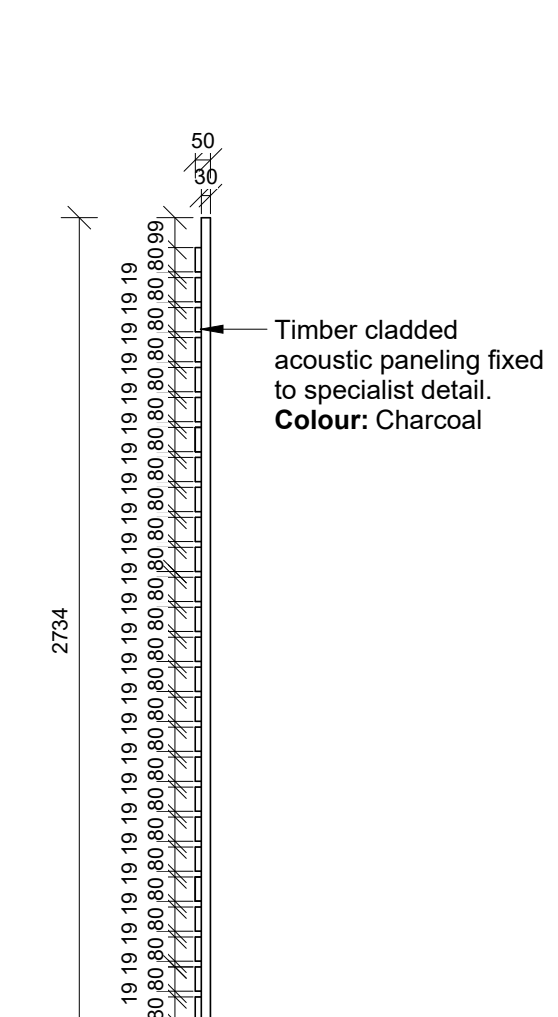
Plan Detail: WF-1
1 : 25



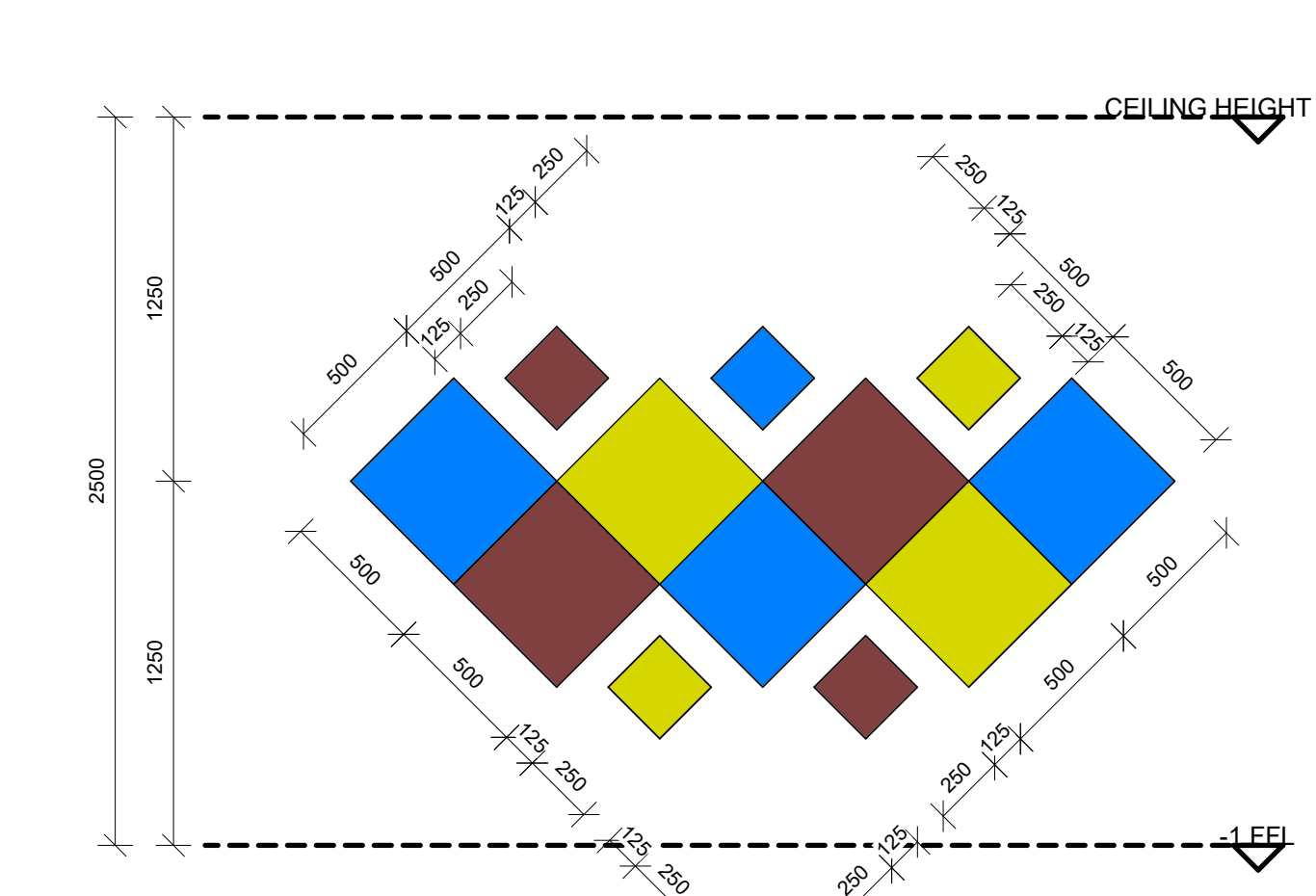
Elevation Front: WF-1
1 : 25



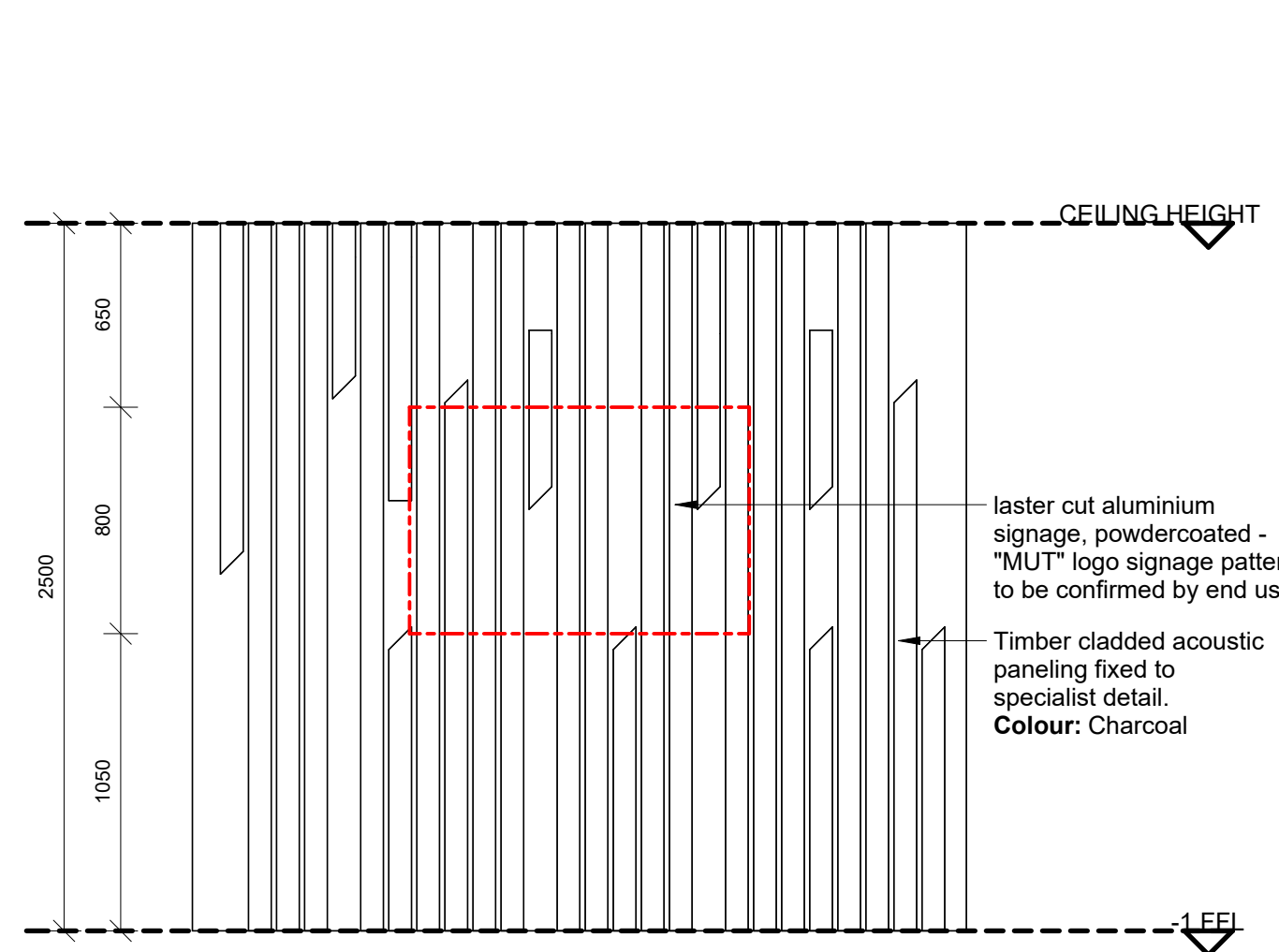
Plan Detail: WF-2
1 : 25



Plan Detail: WF-3
1 : 25



Elevation Front: WF-2
1 : 25



Elevation Front: WF-3
1 : 25

SHOPFRONT SCHEDULE

ID	QUANTITY	LOCATION	UNIT DIMENSIONS	FRAME	GLAZING	HINGES	SIGNAGE
RSF-1	1	-1 FFL - New Radio Station	FSF-2: 3700 x 2500 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing; TBC by architect
RSF-2	1	-1 FFL - New Radio Station	SF-1: 1905 x 2500mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing; TBC by architect
RSF-3	1	-1 FFL - New Radio Station	SF-1: 3685 x 2500mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing; TBC by architect
RSF-4	1	-1 FFL - New Radio Station	SF-1: 2760 x 2500mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing; TBC by architect
ISF-1a	1	-1 FFL - Radio Station	ISF-1: 5000 x 2400 mm	Epoxy powder coated fixed aluminium window perimeter of window to be sealed with approved polysulphide sealant. Color : External grade powder coating in approved matt charcoal	6.3 mm clear safety glass to comply with SABS 0137	GMS	Vinyl colour to suit existing; TBC by architect

GENERAL DRAWING NOTES

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- CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDERING AND MANUFACTURE.
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NOTES FOR ELECTRONIC DRAWINGS

- THIS DRAWING MAY BE ISSUED ELECTRONICALLY.
- PLEASE REFER ALSO TO REVISION NOTES ON THESE DRAWINGS.

REVISIONS

No.	Description	Date	By

Owner/Client: MANGOSUTHU UNIVERSITY OF TECHNOLOGY

Arch. Signature: KP MAWESANA

Arch. Council no.: PRArch 7902

SAKHISIZWE ARCHITECTS
33 Ashdale Tembo Drive, Durban North, 4051, South Africa
+27 31 563 3044 / +27 31 563 9319
info@sakhisizwearchitects.co.za www.sakhisizwearchitects.co.za

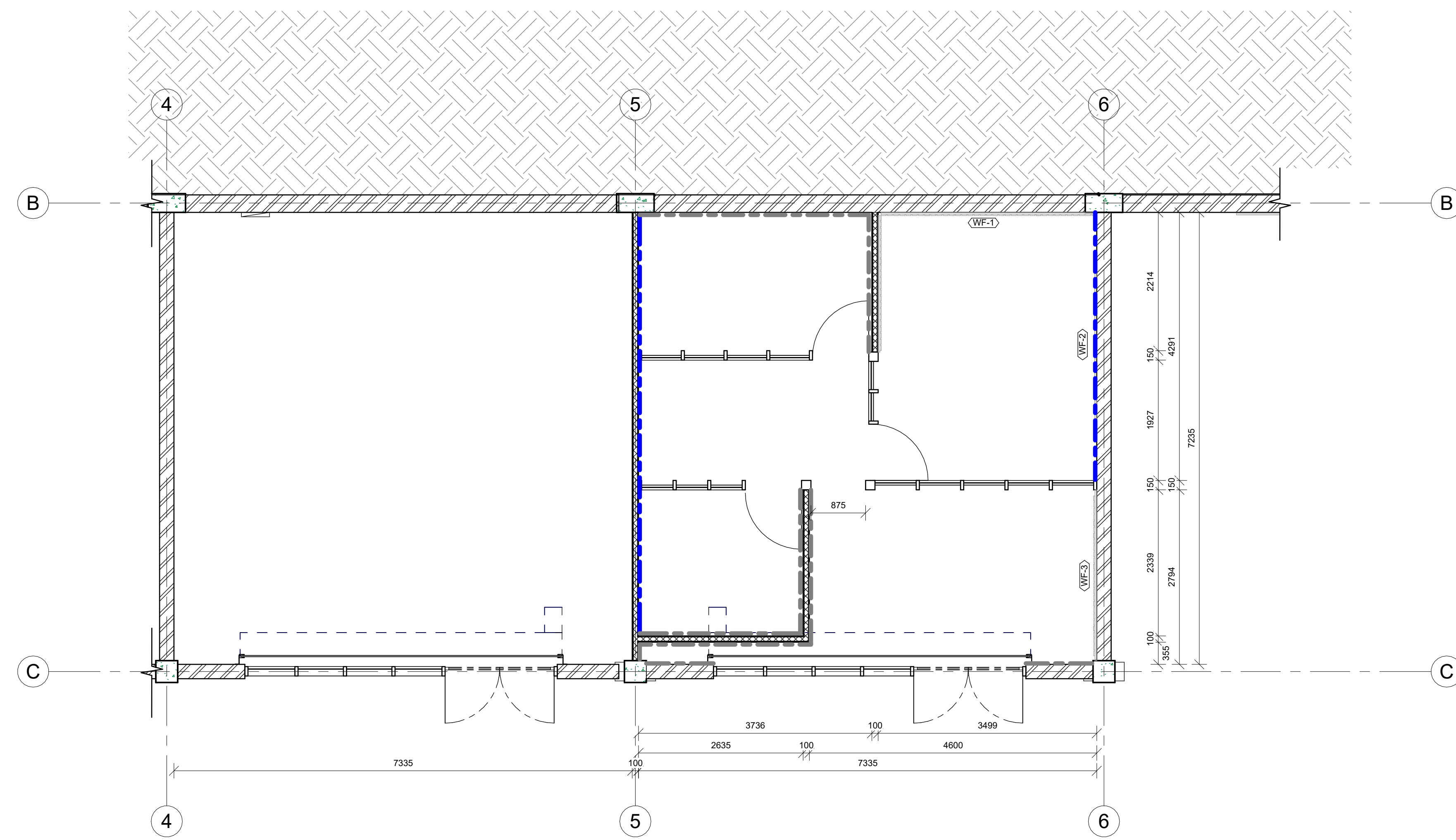
Project Title:
PLAN NO.0174.12.13 STUDENT CENTRE FOR MANGOSUTHU UNIVERSITY OF TECHNOLOGY ON (ERF 13 OF UMLAZI S SECTION)

301 GRIFFITHS KENNEDY HIGHWAY
UMHAKI DURBAN 4001

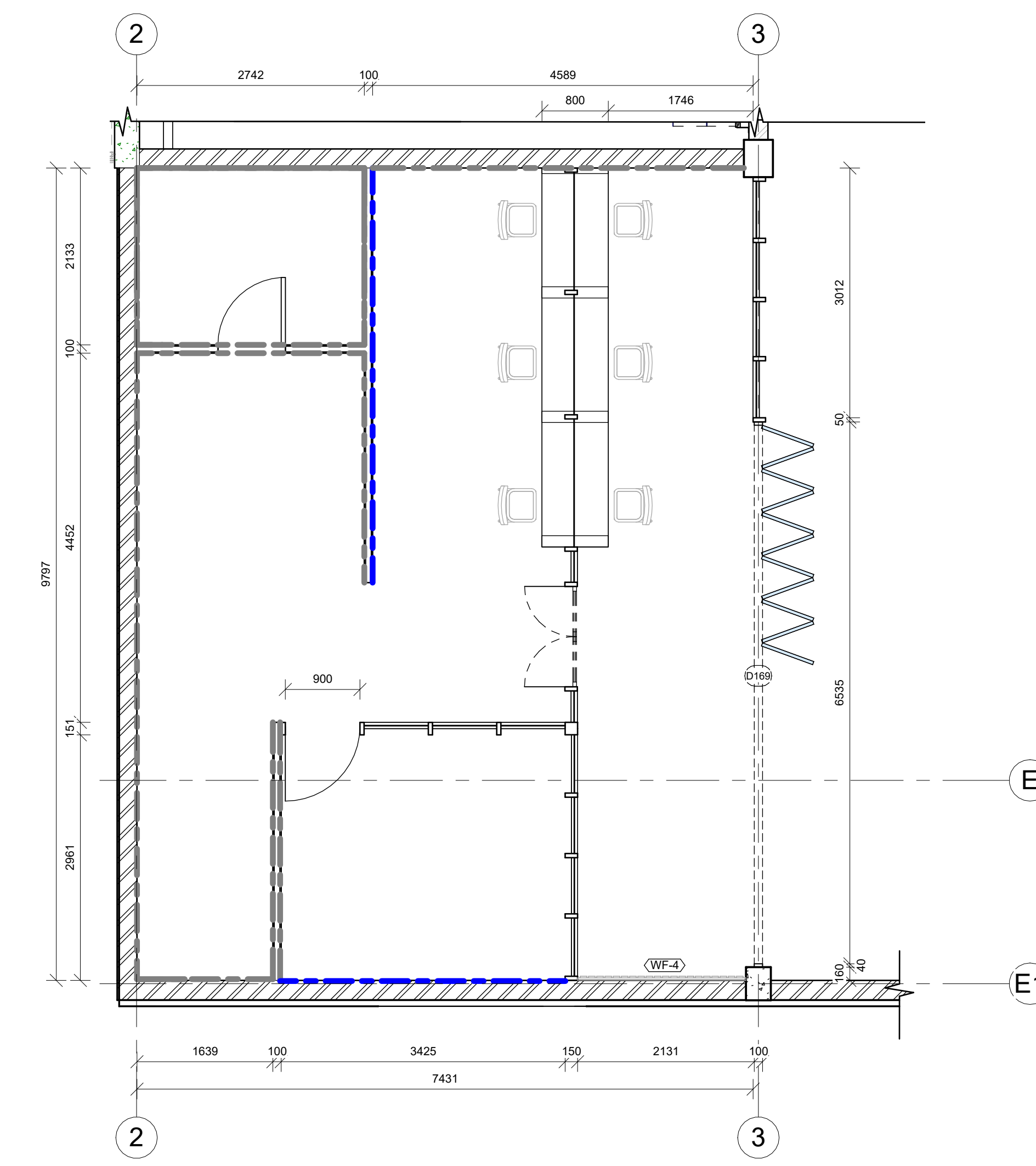
TENDER: CONSTRUCTION SUBMISSION: APPROVAL: INFORMATION DATE: 2020/01/27
date : 2024/10/11 08:25:11 scale : As indicated
drawn : L.C.K.N

Drawing Description:
Tender Drawing
Proposed Radio Station

Job No. S-325.1 Drawing No. CD-RAD-A101 Rev.



-1 FFL Proposed Radio Station
Wall Finishes Layout Plan
1 : 50



-1 FFL New Finance Office Wall
Finishes Layout Plan
1 : 50

WALL FINISHES SCHEDULE

Wall Paint	Colour: Silver (38)
Colour Range:	Plascon Essentials Collection
Wall Paint	Colour: Park Water (B4-C2-1)
Colour Range:	Plascon

GENERAL DRAWING NOTES

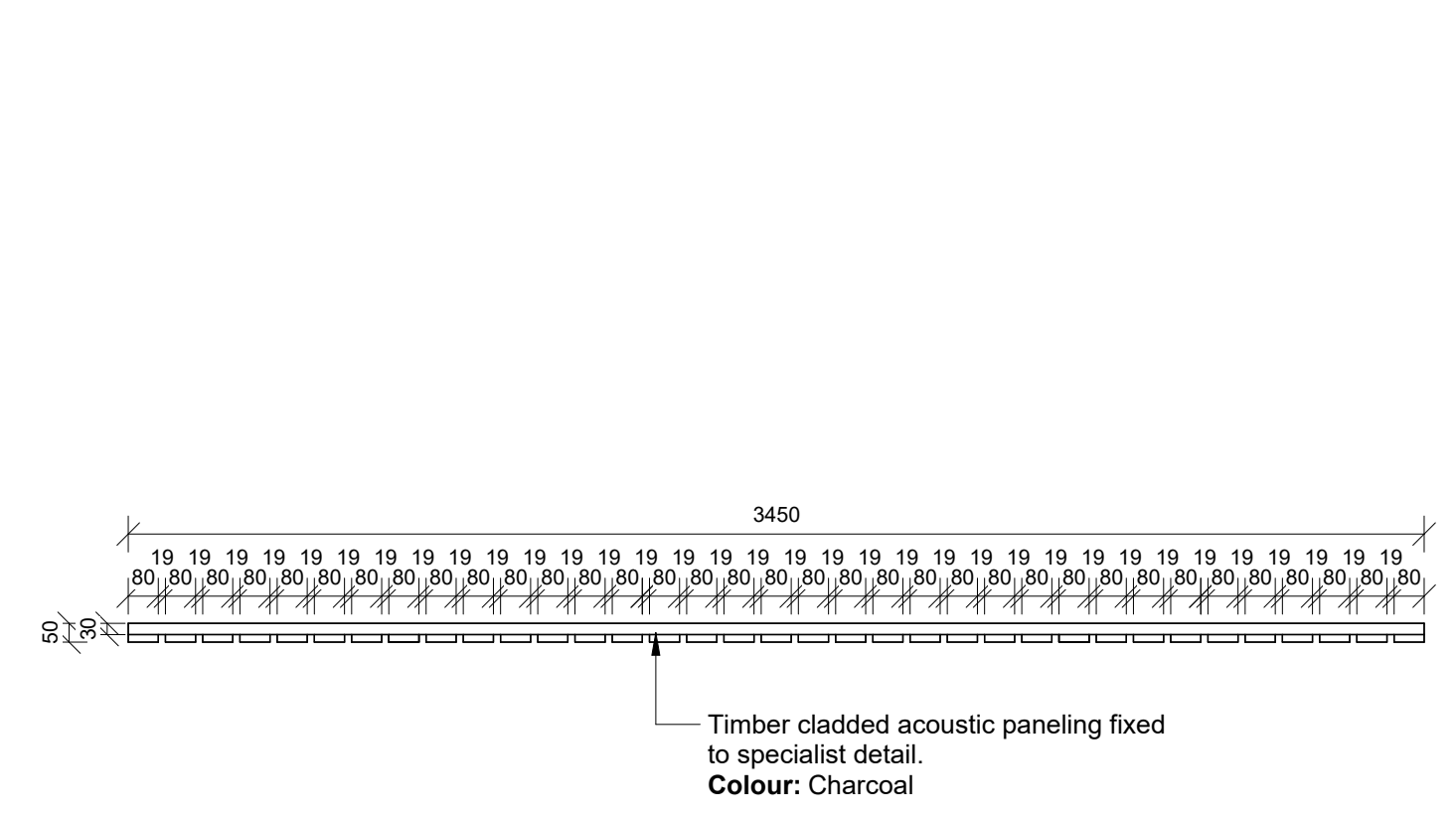
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- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO MANUFACTURE.

NOTES FOR ELECTRONIC DRAWINGS

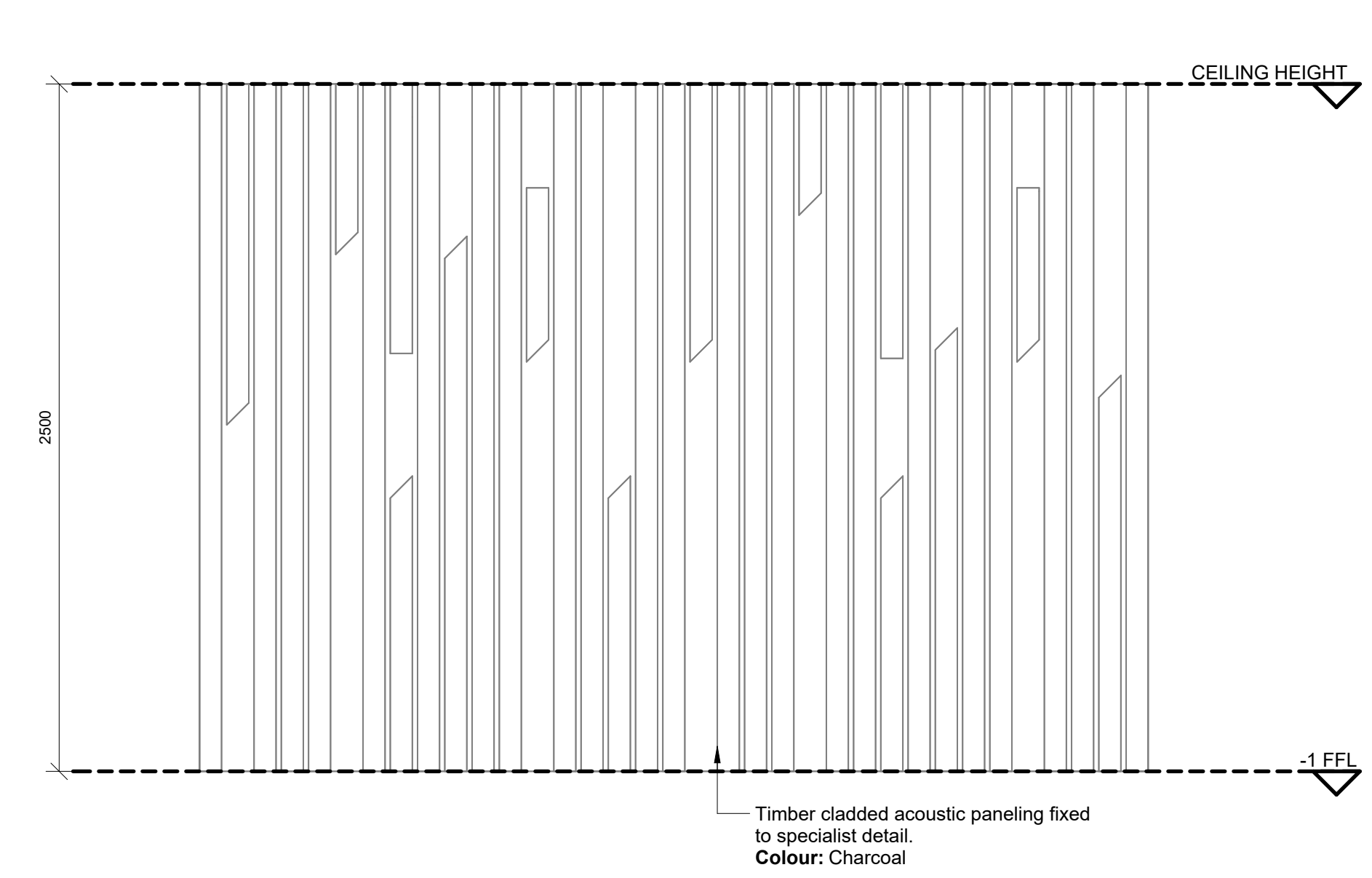
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REVISIONS

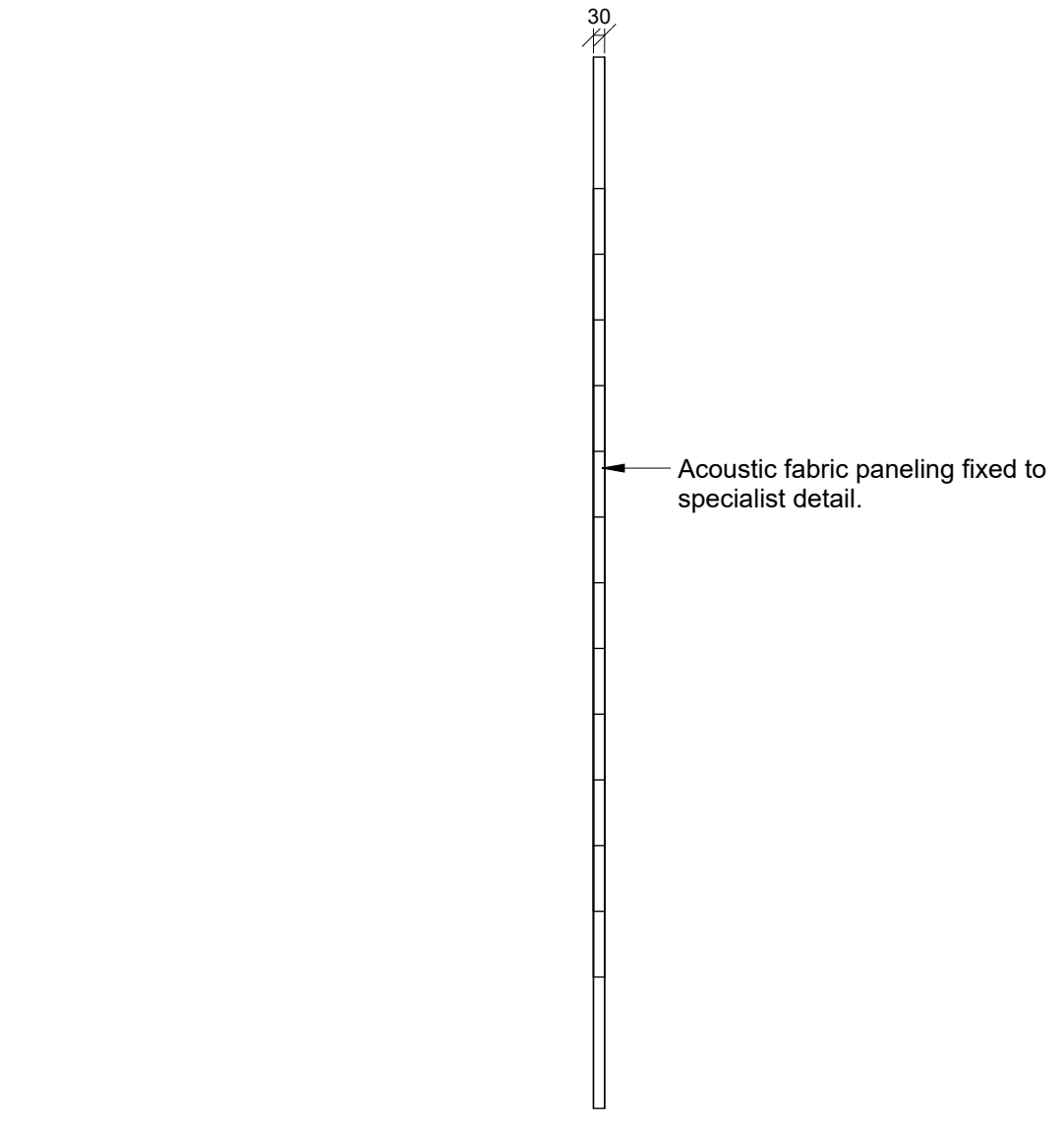
No.	Description	Date	By



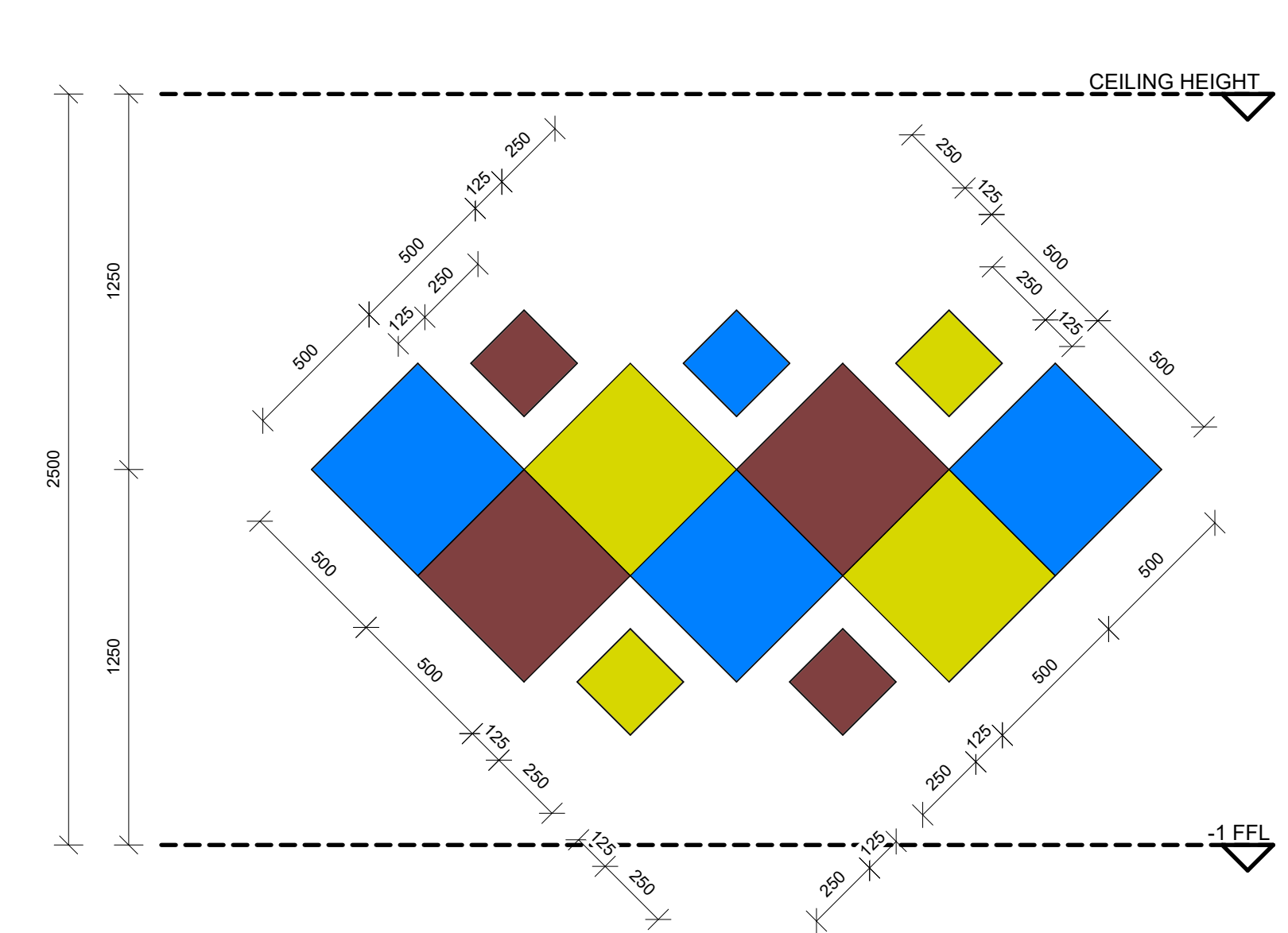
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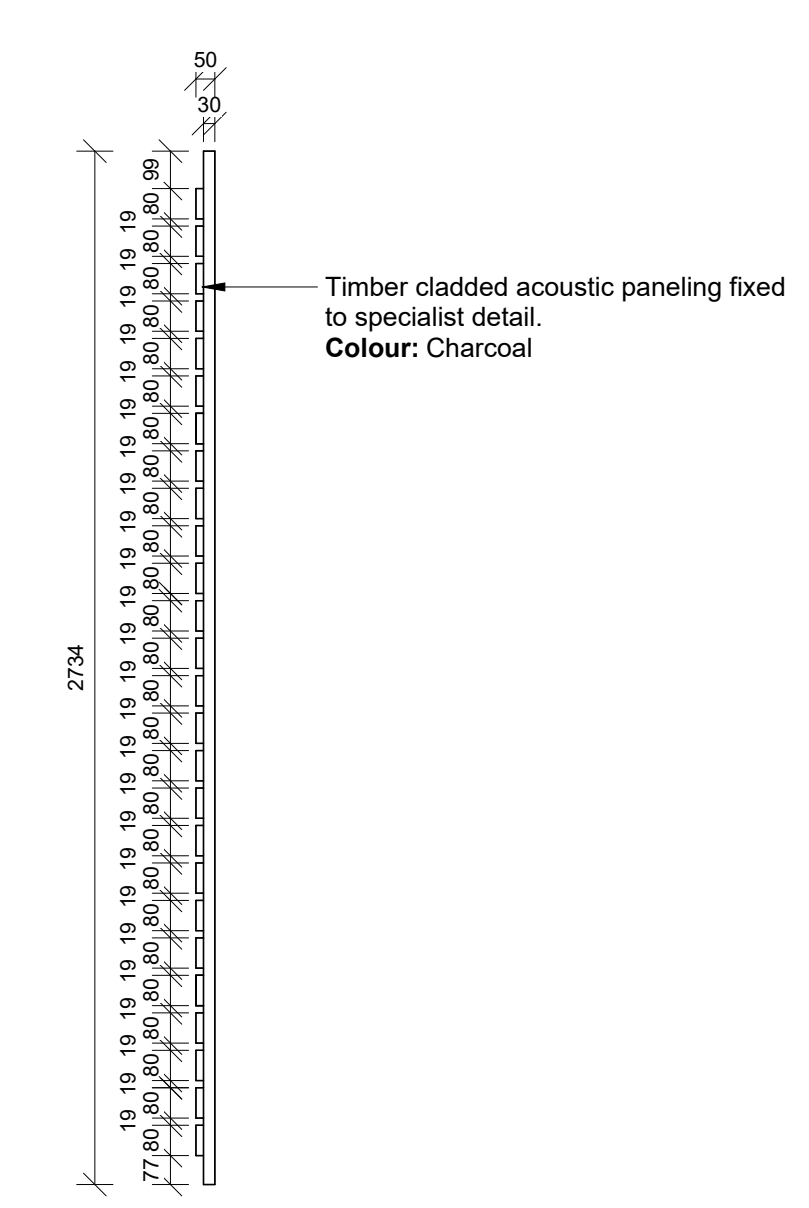
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1 : 20



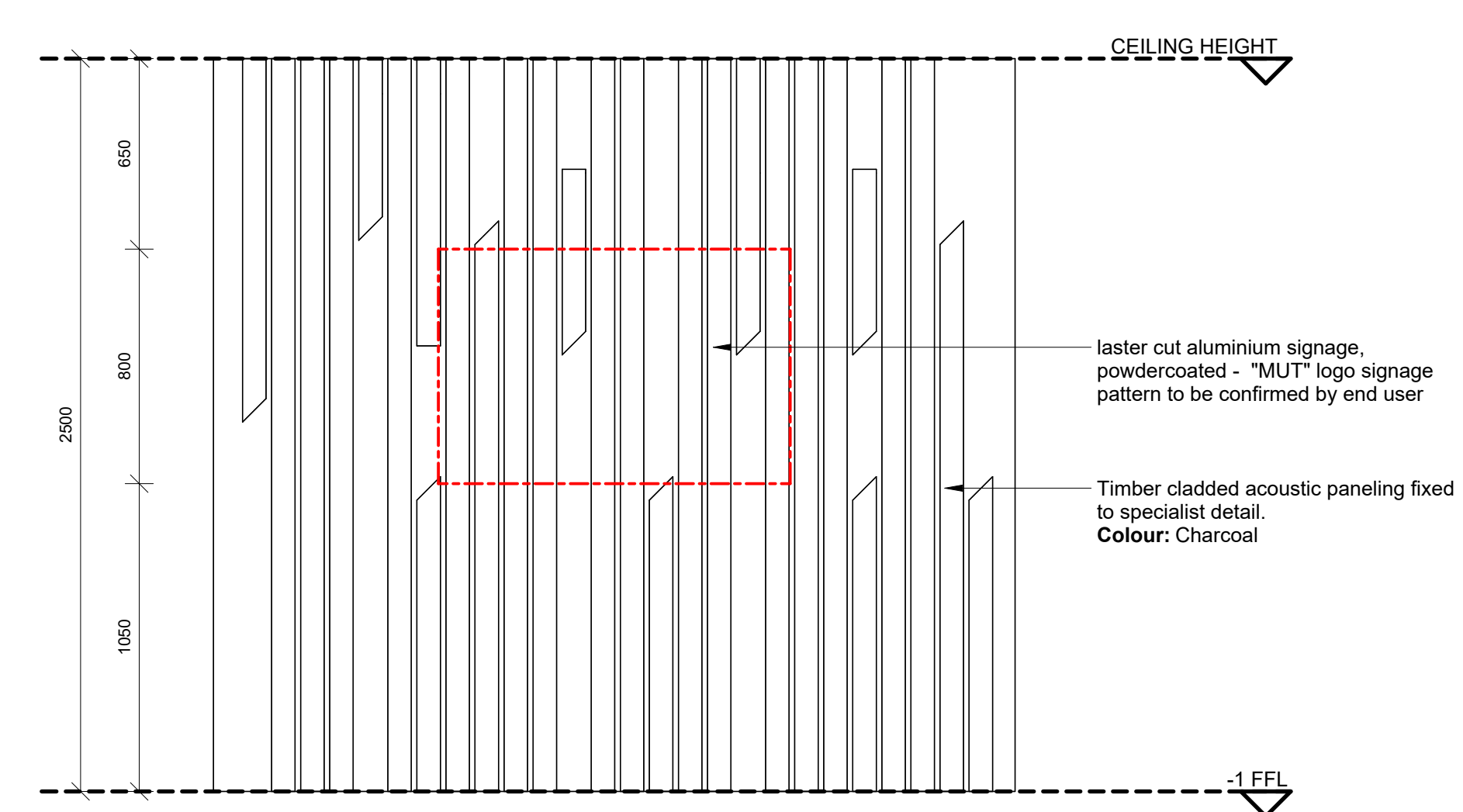
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1 : 20



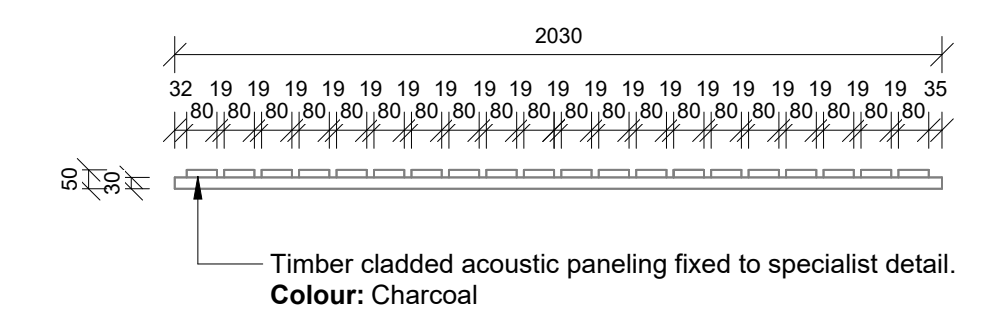
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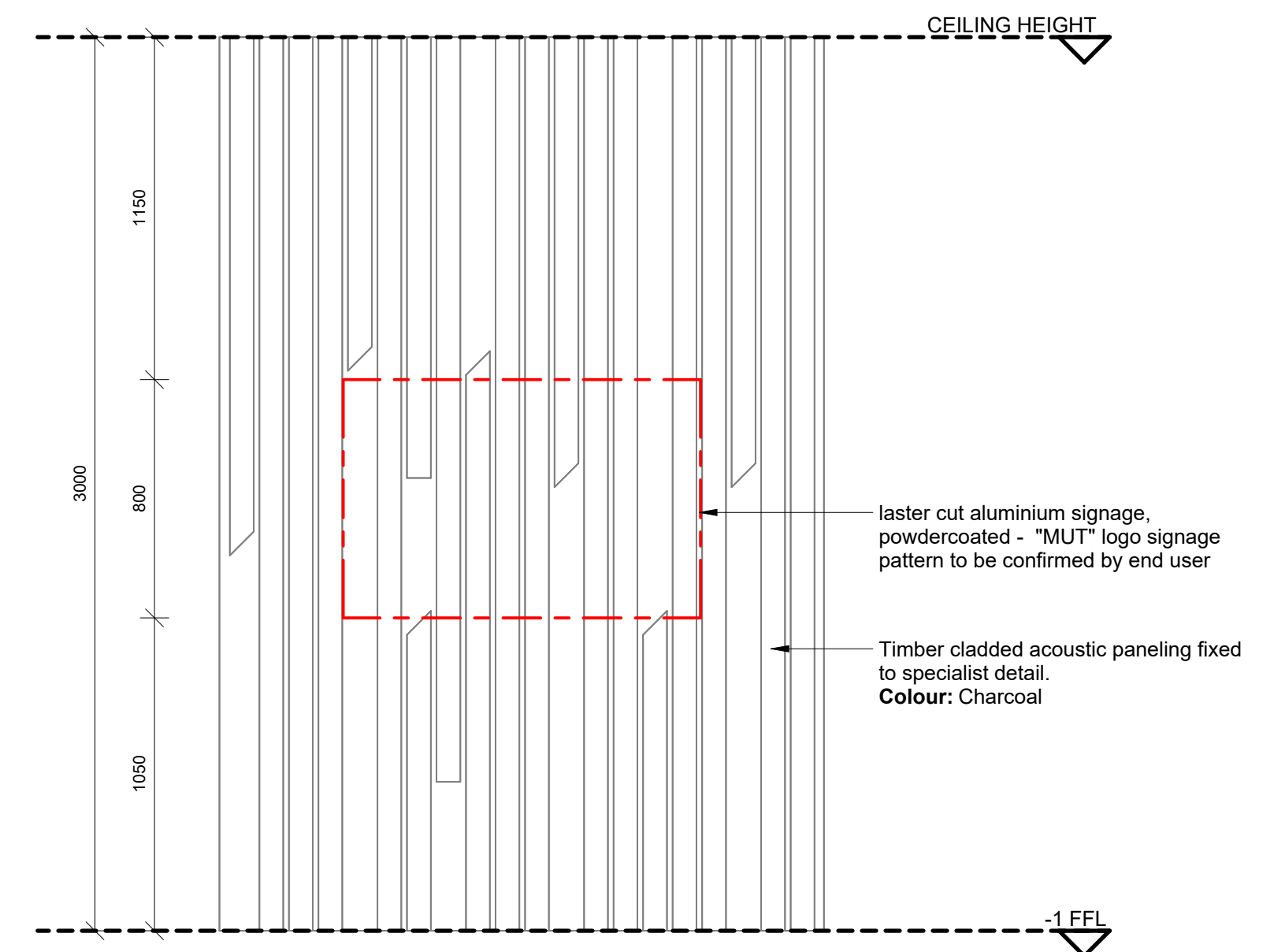
Plan Detail: WF-3
1 : 20



Elevation Front: WF-3
1 : 20



Plan Detail: WF-4
1 : 20



Elevation Front: WF-4
1 : 20



Owner/Client: MANGOSUTHU UNIVERSITY OF TECHNOLOGY
 Owner/Client Signature:
 Arch. Signature: KP MAWESANA
 Arch. Council no.: PRArch 7902

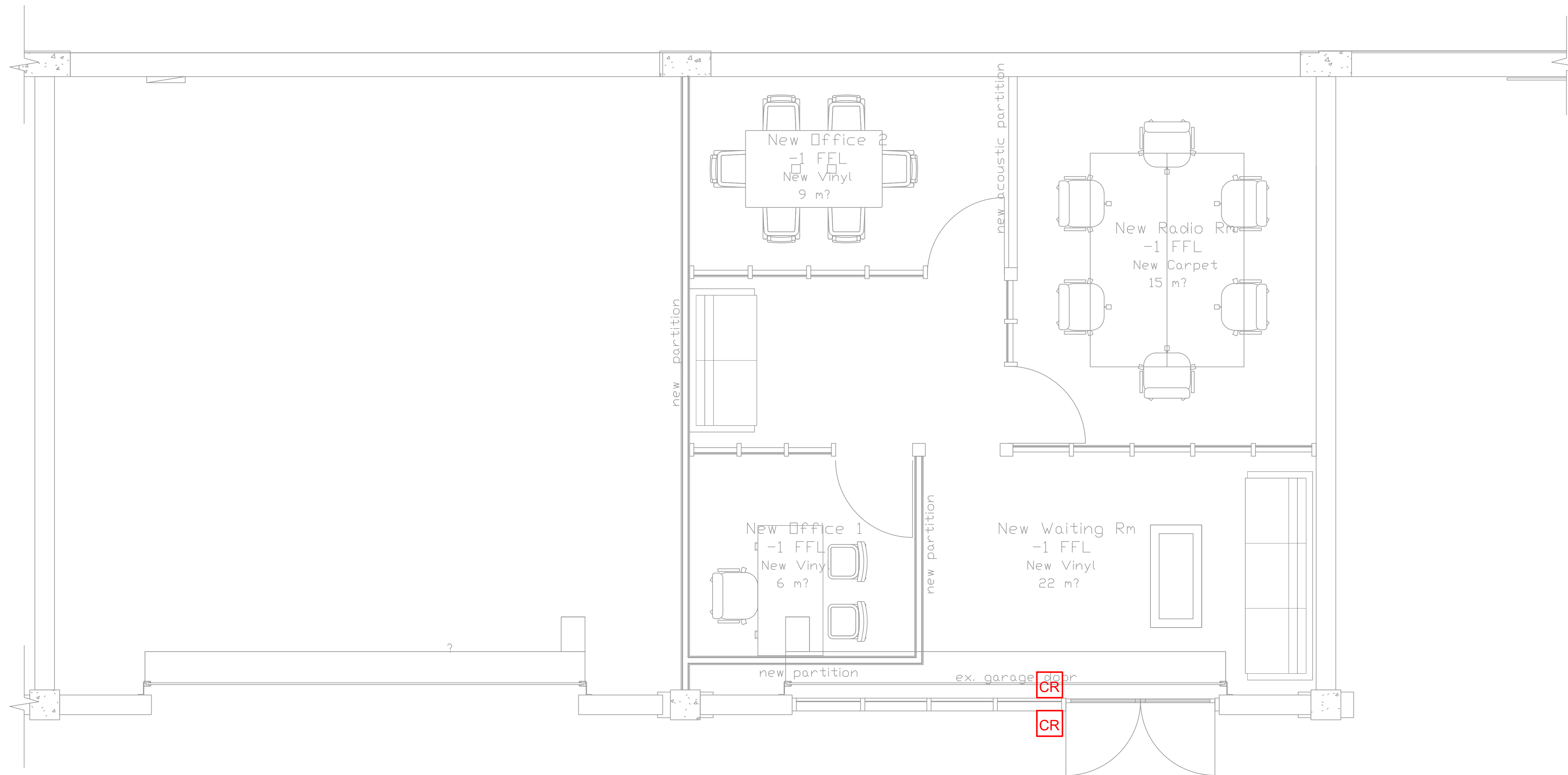


Project Title:
 PLAN NO.0174.12.13 STUDENT CENTRE FOR MANGOSUTHU UNIVERSITY OF TECHNOLOGY ON (ERF 13 OF UMLAZI S SECTION)
 301 GRIFFITHS MAXENSE HIGHWAY UMLAZI DURBAN 4001

TENDER: CONSTRUCTION: SUBMISSION:
 APPROVAL: INFORMATION: DATE: 2020/01/27
 date: 2024/09/17 14:37:22 scale: As indicated
 drawn: L.C. K.N

Drawing Description:
 Tender Drawing
 Radio Station Wall Finishes

Job No.	Drawing No.	Rev.
S-325.1	CD-RAD-A102	



ALL DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED AND SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.

LEGEND:

CR CARD READER WITH KEYPAD

DRAWING REVISIONS

REV No	DESCRIPTION	DATE
00	Issued for Information	April 2024

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Project Description:

Mangosuthu University Of Technology Student Centre



CONSULTANT

SEKANKOE ENGINEERING
16 SAMARA MACHEL STREET
OFFICE BUILDING NO. 1
MIDDELBURG
013 240 0052

Discipline:
ELECTRICAL

Project Address:

MANGOSUTHU UNIVERSITY OF TECHNOLOGY
301 Griffiths Mxenge Highway, Durban, 4066

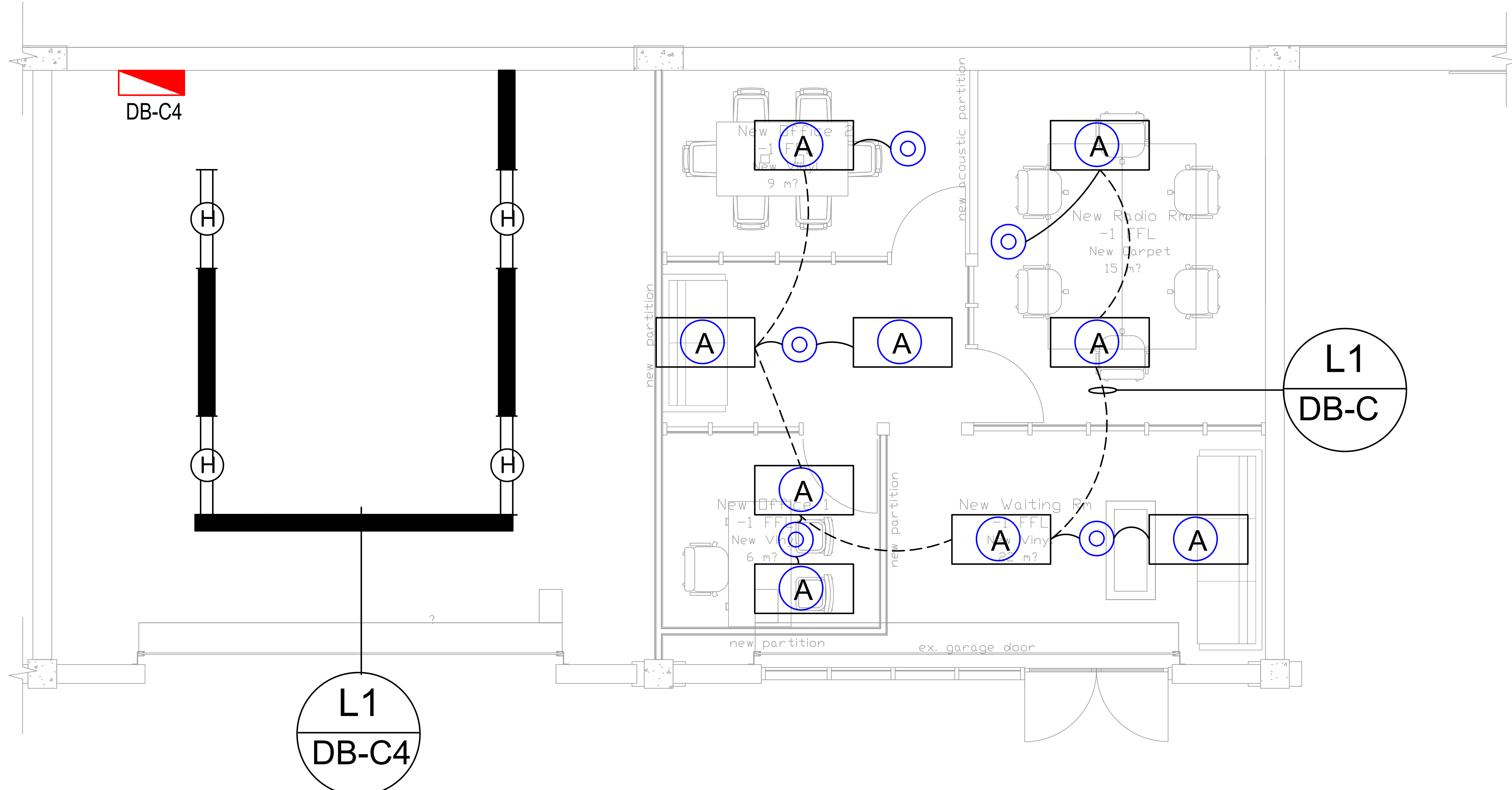
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Radio station Access Control Layout

Ref.no	Designed
Scale	Drawn
1:30	P Sikhosana
Date	Checked
April 2024	I Khataki
Type Number	Approved
MSCE/AL/009/00/1	I Khataki
Sheet	Rev
9 of 21	00
Size	A1

ALL DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED AND SHALL BE IN METERS

LEGEND	
SYMBOL	DESCRIPTION
	Existing A3C, recessed backlit full LED panel, 500mA driver, 6000lm, body of glass fibre reinforced polyester with injection moulded lens with 240mm Seng plug & spiral filters for both surface & recessed grid. Seng 1310x172x115mm 60W, A++ energy usage classification. As African Spear Lighting or Similar Approved.
	Existing light sensor
	Proposed light sensor
	Existing Electrical distributed box

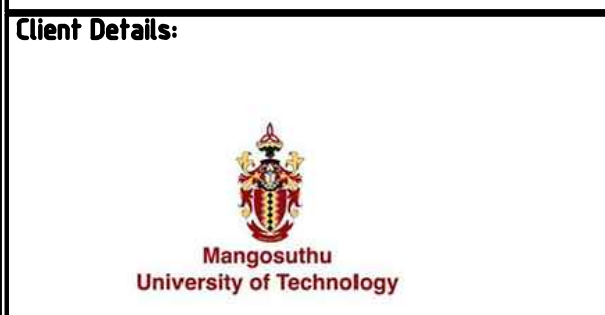


DRAWING REVISIONS

REV No	DESCRIPTION	DATE
00	Issued for Information	March 2024

- NOTES:
- ALL CONDUITS TO BE BUILT, CAST IN OR SURFACE RUN IN CEILING VOID.
 - ALL SSO, TELEPHONE AND DATA OUTLET BOXES TO BE RECESSED INTO WALL AND MOUNTED @ +300mm AFFL UNLESS OTHERWISE INDICATED.
 - PENETRATIONS THROUGH, OR CHASING INTO COLUMNS/SLABS/ BEAMS STRICTLY PROHIBITED UNLESS PERMISSION IS RECEIVED, IN WRITING, FROM THE STRUCTURAL ENGINEER.
 - CLEARANCE TO OTHER SERVICES TO BE CHECKED ON SITE.
 - CONDUIT PROVISIONS FOR ELECTRONIC SERVICES TO BE AS FOLLOWS:
 - DATA = 25mmØ STEEL CONDUIT.
 - TELEPHONE = 20mmØ STEEL CONDUIT.
 - 1.6 GALVANISED DRAW WIRE TO BE INSTALLED IN ALL ELECTRONIC SERVICE CONDUITS.
 - OUTLET BOXES FOR ELECTRONIC SERVICES TO BE INSTALLED COMPLETE WITH BLANK COVER PLATES.

Project Description:
Mangosuthu University of Technology Student Centre



CONSULTANT

SEKANKOE ENGINEERING
16 SAMARA MACHEL STREET
OFFICE BUILDING NO. 1
MIDDELBURG
013 240 0052

Discipline:
ELECTRICAL

Project Address:
MANGOSUTHU UNIVERSITY OF TECHNOLOGY
301 Griffiths Mxenge Highway, Durban, 4066

Drawing Title:
Radio station Lights Layout

Ref.no	Designed
Scale	Drawn
Date	Checked
Approved	Approved
Type Number	Sheet
Drawing Number	Rev
MSC/ELE/LL/008/00/1	8 of 21 00 A1

DB-C4

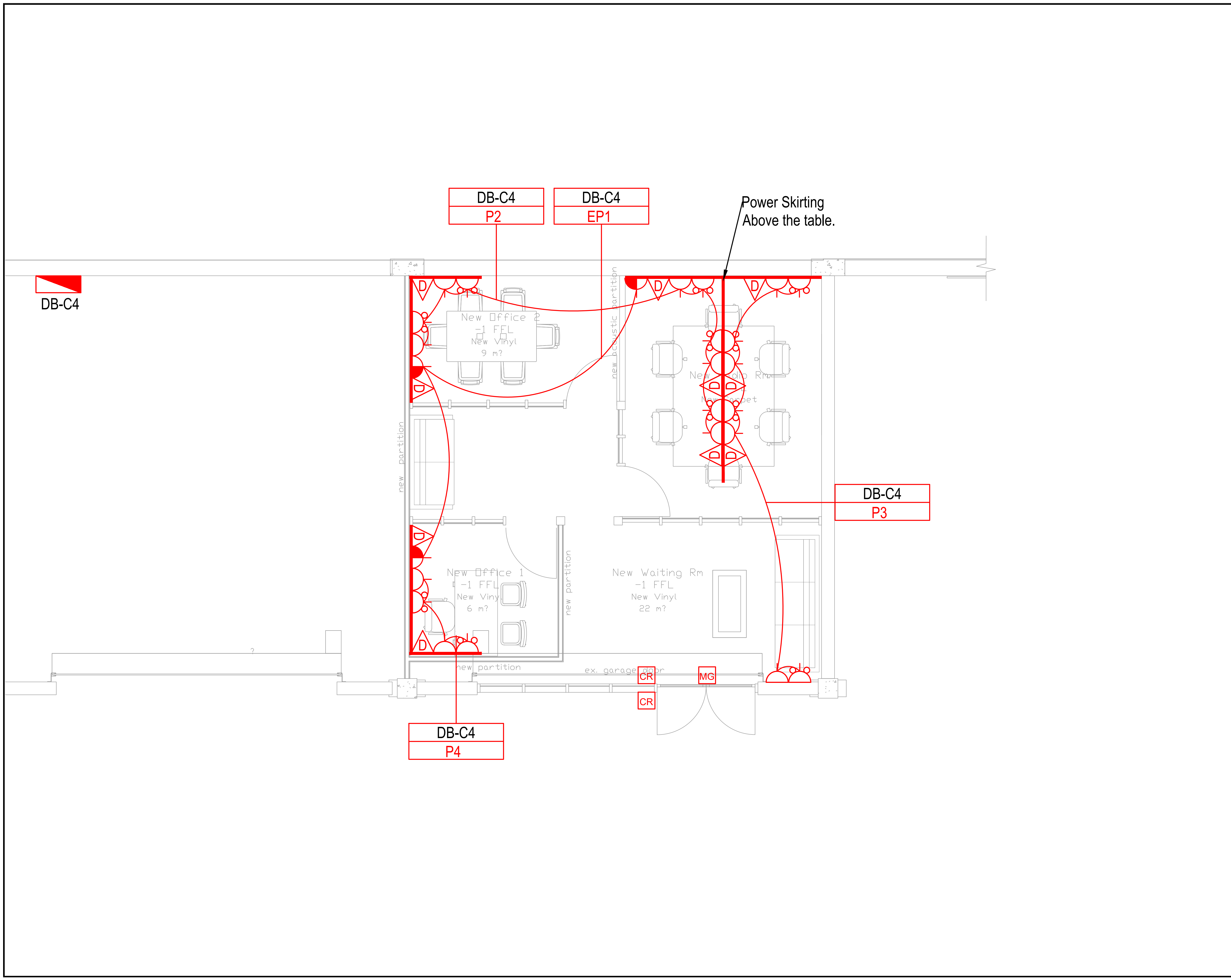
DB-C4
P2

DB-C4
EP1

Power Skirting
Above the table.

DB-C4
P3

DB-C4
P4



LEGEND:

	PROPOSED SINGLE NORMAL SWITCHED SOCKET OUTLET, RECESSED MOUNTED @900mm AFFL UNLESS NOTED OTHERWISE, OR MOUNTED ON POWERSKIRTING
	EXISTING 16A 3PIN SINGLE SWITCHED SOCKET OUTLET MOUNTED AT 300mm AFFL OR AS INDICATED OTHERWISE
	EXISTING 16A EXISTING DEDICATED SSO ON POWER SKIRTING
	PROPOSED 16A NEW DEDICATED SSO ON POWER SKIRTING
	PROPOSED DATA OUTLET - 100mm X 100mm WALL BOX WITH 1 X 25mm CONDUIT TO DATA DUCT
	PROPOSED DOUBLE NORMAL SWITCHED SOCKET OUTLET, RECESSED MOUNTED @900mm AFFL UNLESS NOTED OTHERWISE
	PROPOSED EURO PLUG SOCKET
	EXISTING DATA OUTLET - 100mm X 100mm WALL BOX WITH 1 X 25mm CONDUIT TO DATA DUCT
	PROPOSED 30A ISOLATOR FOR TURNSTILE MOUNTED AT 2000mm HEIGHT
	PROPOSED 20A ISOLATOR FOR HAND DRIVER
	EXISTING 32A, 3 PHASE EXISTING ISOLATOR FOR AIRCON
	EXISTING DISTRIBUTION BOARD
	EXISTING 2 COMPARTMENT POWER SKIRTING
	PROPOSED 2 COMPARTMENT POWER SKIRTING
	EXISTING POWER CIRCUIT
	PROPOSED POWER CIRCUIT

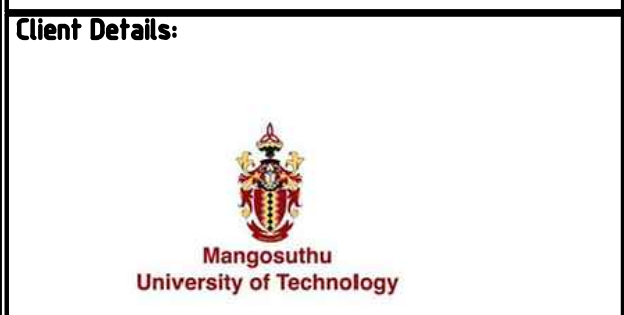
DRAWING REVISIONS

REV No	DESCRIPTION	DATE
00	Issued for Information	April 2024

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Project Description:
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CONSULTANT
SEKANKOE ENGINEERING
16 SAMARA MACHEL STREET
OFFICE BUILDING NO. 1
MIDDELBURG
013 240 0052

Discipline:
ELECTRICAL

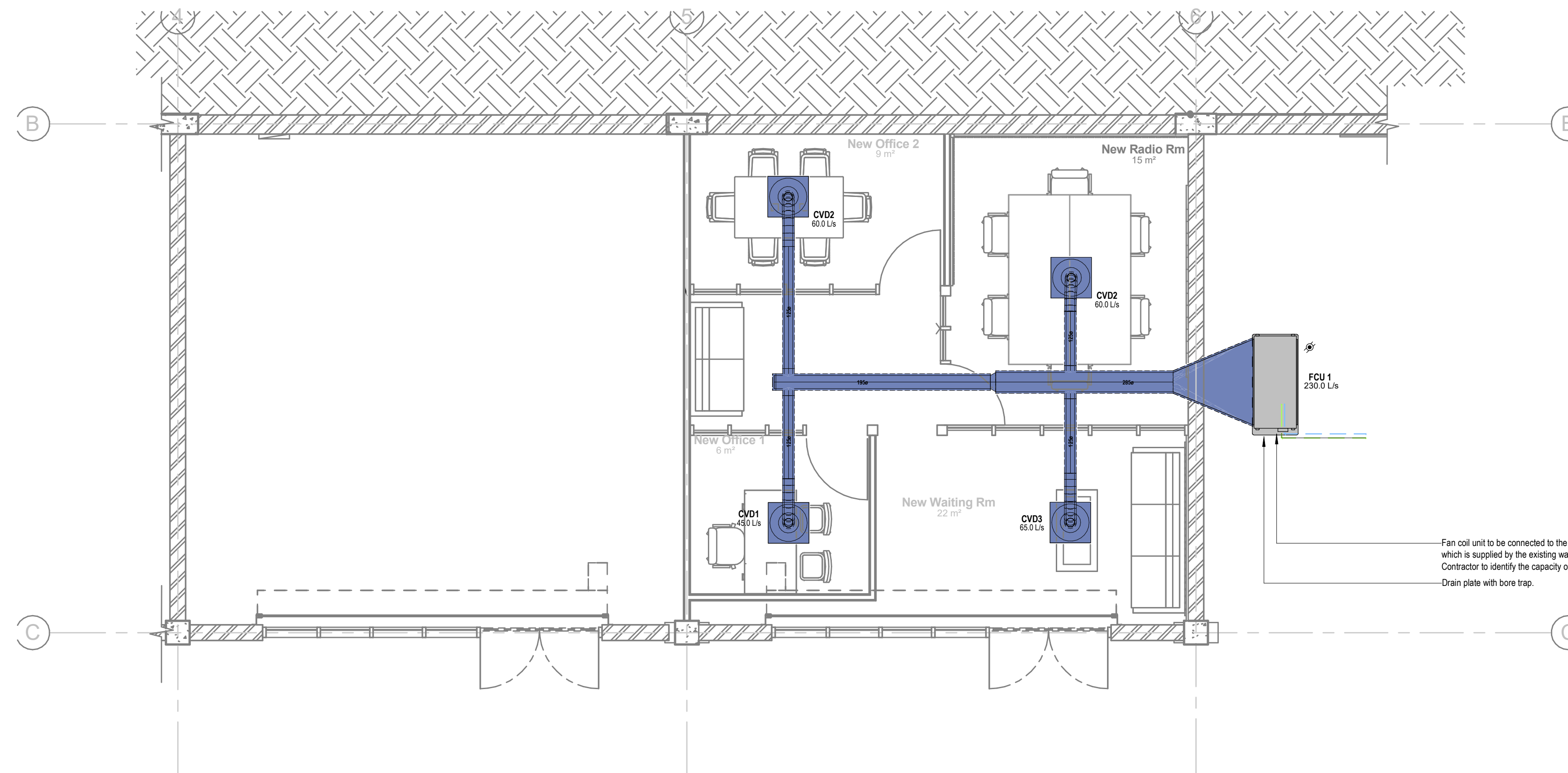
Project Address:
MANGOSUTHU UNIVERSITY OF TECHNOLOGY
301 Griffiths Mxenge Highway, Durban, 4066

Drawing Title:
Radio station Power Layout

Ref.no	Designed
Scale	Drawn
Date	Checked
Type Number	Approved
Drawing Number	Sheet
MSC/ELE/PL/005/00/1	7 of 21
	Rev
	00
	Size
	A1

Standard Notes:

- All exhaust air ducting to be un-insulated unless otherwise stated.
- Duct sizes shown are internal sizes.
- For duct treatment refer to specification.
- All ducting to be manufactured & installed in accordance with SANS 10142-1
- All A/C shafts to be fitted with a mentis grid platform on all floors including airtight access door unless otherwise stated.
- All exposed ducting to be painted to an approved colour, unless otherwise stated.
- For location of valves, instrumentation, etc refer to SICO drawings & water schematic drawing.
- All take-offs from supply & exhaust air ducting to have 45° boots.
- A/C equipment to be fitted with anti-vibration mountings as per the specification.
- HVAC (sub)contractor to ensure that all condensate drains are trapped and sloped adequately. All drains to be tested for leaks and operation.
- All ducting to be flat on top, unless otherwise stated.
- HVAC (sub)contractor shall be responsible for connecting the condensate drains to the drain stack. The connection must be an inverted solid connection to prevent leakage, unless otherwise stated.
- All refrigerant piping, electrical and control wiring between indoor and outdoor split type units shall run in trunking with cover plate / Wire basket / tray and adequately strapped.
- All supply air ducting to be externally insulated & treated as per specification, unless otherwise stated.
- All BMS wiring shall be installed in PVC / galvanised conduit by the BMS (sub)contractor, unless otherwise stated.
- All supply air flexible's to be of the insulated acoustic type.
- All chilled / hot water pipes to be treated as per specification.
- All fans to have inlet / outlet cones complete with wire mesh screen where not directly connected to ducting.
- All pipes to be colour coded as per specification.
- All diffusers/grilles/hoods "finish" to be approved by the architect.
- All exposed chilled water pipes to be, insulated, vapour sealed and cladded, as per specification.
- Auto air vents to be provided in pipe runs where required.
- Drain points with ball valves, plugged must be provided at bottom of each chilled water riser and at lowest point in plant room.
- All equipment selected must fit into plant room provided.
- Sufficient space for adequate maintenance must be allowed for around equipment.



Fan coil unit to be connected to the existing duct, which is supplied by the existing water chilled plant. Contractor to identify the capacity of the plant AHU. Drain plate with bore trap.

HVAC LEGEND	
	Constant Square Diffuser
	Fire Damper
	Hideaway unit
	Three Phase Isolator
	Refrigerant Pipe : Liquid (Copper)
	Refrigerant Pipe : Gas (Copper)
	Supply Air Duct Insulated Externally

NOTE:
ABBREVIATIONS

CSD - CONSTANT SQUARE DIFFUSER
FD - FIRE DAMPER
AC01 - HIDE AWAY UNIT

RADIO STATION FLOOR HVAC LAYOUT

1 : 50

RADIO STATION FLOOR PLAN - AIR TERMINALS SCHEDULE

Code	Description	Air Flow l/s	Inlet Diameter	Width	Height	Quantity	Notes
CVD1	Constant Square Diffuser	45.0 L/s	130	600	600	1	
CVD2	Constant Square Diffuser	60.0 L/s	130	600	600	2	
CVD3	Constant Square Diffuser	65.0 L/s	130	600	600	1	

RADIO STATION FLOOR PLAN - MECHANICAL EQUIPMENT SCHEDULE

Code	Description	Cooling Capacity	Heating Capacity	Air Flow	Height	Width	Depth	Weight	Power Requirement(kW)	Power (V-Ph-Hz)	Quantity	Notes
FCU 1	Hideaway	14.30 kW	15.20 kW	230.0 L/s	450	1485	675	105.00 kg	5.13 kW	230/1/50	1	

DRAWING ISSUED FOR

INFORMATION

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CLIENT



CONSULTANT



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119 GERHARD STREET
CENTURION
0157
GAUTENG, SOUTH AFRICA
Reg no: 203/056655/23

TEL: 012 664 6577
FAX: 012 664 4875
Email: mail@muteo.co.za
Website: www.muteo.co.za

APPROVED BY	M.M
DESIGNED BY	M.M
DRAWN BY	M.S
DATE	2024.10.04
ECSA	

SIGNATURE

Project

MUT STUDENT CENTRE

SCALE As indicated SHEET SIZE A1

DRAWING NUMBER
ME-402

Discipline

MECHANICAL ENGINEERING

Description

RADIO STATION FLOOR HVAC LAYOUT

Rev	Date	by	Description
A	2024.10.04	MS	Issued For Information

Revision Schedule