



SPORT, ARTS & CULTURE

Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

Private Bag X897, Pretoria 0001 – Sechaba House, 202 Madiba Street and Paul Kruger, Pretoria 000
Tel: (012) 441 3000, Fax: (012) 441 3699

Enquiries : Mr. Tuelo Thubisi/ Ms. Tshepiso Ramatapa

Tel : 012 441 3504/ 012 441 3173 Reference : **DSAC 09/23-24**

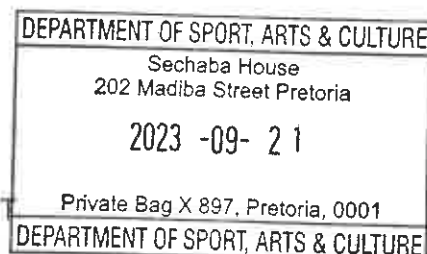
APPOINTMENT OF THE SERVICE PROVIDER TO RENDER CONSTRUCTION SERVICES RELATED TO: MAMA WINNIE MADIKIZELA – MANDELA BOMBED CLINIC IN BRANDFORT.

REQUIRED BY: DEPARTMENT OF SPORT, ARTS & CULTURE

1. Kindly furnish the Department with a bid for the services shown on the attached forms.
2. The General Conditions of Contract (GCC), Terms of Reference as well as the SBD1, SBD3.3, SBD 4, SBD 6.1, forms are attached for completion. These Forms must be returned with your bid.
3. Bid documents must be submitted on an envelope stipulating the following information: Name and Address of the Bidder, Bid Number and Closing Date of the Bid. The Budget Proposal must also be submitted on a separate envelope where necessary. **Interested parties are requested to provide one original, one copy of the original document and one electronic copy (in a form of USB) of original documents.**
4. All bids forwarded by postal services must be addressed to: The Director-General, Department of Sport, Arts and Culture, Private Bag X897, Pretoria, 0001, attention: Director Supply Chain Management, and reach this address no later than the closing date and time. Alternatively, bids may be deposited by hand at the Department of Sport, Arts and Culture, Sechaba House, Cnr Paul Kruger & Madiba Streets, Pretoria.
5. Compulsory Briefing Session: 26 September 2023 at 11:00am
Venue: Masilonyana Local Municipality, Brandfort - Council Chamber
Winnie Madikizela Mandela Bombed Clinic, Brandfort.
6. The closing date for the tender is on **20 OCTOBER 2023 at 11:00am.**


MS REFILWE ZULU

DIRECTOR: SUPPLY CHAIN MANAGEMENT





sport, arts & culture

Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

Private Bag X897 | VWL Building | 202 Madiba Street | Pretoria, 0001 |
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TENDER DOCUMENT

APPOINTMENT OF THE SERVICE PROVIDER TO RENDER CONSTRUCTION SERVICES RELATED TO: MAMA WINNIE MADIKIZELA – MANDELA BOMBED CLINIC IN BRANDFORT

MINIMUM CIDB GRADING REQUIRED 5GB

TENDER NO: DSAC 09/23-24

Registered Name of Tenderer	
Trading Name of Tenderer	
Registration No. of Entity	
Central Supply Database Number	
Contact Person	
Tel No:	Email Address:
Cell No:	Fax No:
Address of registered physical address	
Tender Offer (Vat Inclusive (15%))	R

Contents

Part T1: Tendering Procedures

T1.1 Tender Notice and Invitation to Tender

T1.2 Tender Data

Part T2 : Retournable Documents

T2.1 List of returnable documents

T2.2 Returnable schedules

Part C1: Agreement and Contract Data

C1.1 Form of Offer and Acceptance

C1.2 Schedule

Part C2: Pricing Data

C2.1 Pricing Instructions

C2.2 Bill of Quantities

Part C3: Scope of Work

C3.1 Scope of Work

C3.2 Health and Safety Specification

C3.3 Contractors Report

C3.4 Schedule of Certificates of Compliance required.

Part C4 : Site Information

C4.1 Site Information

C4.2 Drawings

T1.1: TENDER NOTICE AND INVITATION TO TENDER

CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT (BID No. DSAC 09/23-24)

Compulsory briefing will take place at Council Chamber (Masilonyana Municipality)

Site Visit: Winnie Madikizela Mandela Bombed Clinic on the 26 September 2023 at 11:00am

Tender documents will be available for downloading on **National Treasury E-tender portal, CIDB Website, and The Department of Sports Arts and Culture Website (www.dsac.gov.za) for self-printing.**

It is responsibility of the bidder to make sure that all the returnable documents and scheduled as indicated in section **Part T2 Returnable documents** are up to date when submitting the bid.

The tenders will be evaluated on functionality, then price. Evaluation for preference and price will be **80/20** Preference Point system where a maximum of **eighty (80)** points will be awarded for price and **twenty (20)** points will be awarded for specific goals.

After price and preference have been scored, **arithmetic check** will be conducted for those tenderers that are responsive.

Tender closing date and time: **Friday, 20 October 2023 @ 11:00am**. Completed tender documents must be submitted in sealed envelopes and clearly marked **Bid Number and bid description**. **Bidders are requested to provide one original, one copy of the original document and one electronic copy (in a form of USB).**

Bidders should deposit their document into the tender box available on the ground floor reception area at the below address:

**The Department of Sport, Arts and Culture
Sechaba House
202 Madiba Street
Cnr Madiba and Paul Kruger Streets,
Pretoria, 0001**

The **Department of Sport, Arts and Culture** reserves the right to withdraw any invitation to tender and/or to re-advertise or to reject any tender or to accept a part of it.

No Telegraph, telephone, telex, facsimile or any other form of transmittal shall be accepted. Late documents shall not be accepted.

All enquiries related to the technical content of the Terms of Reference as well as the bid enquires may be directed in writing to the officials listed below:

For Bid Enquiries	For Technical Enquiries
Mr. Tuelo Thubisi	Mr. Matthwes Makhombathi
Tel: 012 441 3504 Cell: 072 604 7259	Tel: 012 441 1377 Cell: 066 139 3566
Email: Tuelot@dsac.gov.za	Email: matthwesm@dsac.gov.za
Ms. Tshepiso Ramatapa	Mr. Songezo Petela
Tel: 012 441 3173 Cell: 072 751 8018	Tel: 012 441 3276 Cell: 072 749 7888
Email: tshepizr@dsac.gov.za	Email: songezoP@dsac.gov.za

Tender document must be completed in full, failure to do so, the bid will be qualified.

T1.2 TENDER DATA

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT		
Tender No:	DSAC 09/23-24		
Invitation date:	15 September 2023	Closing date:	20 October 2023
Closing time:	11:00am	Validity period	120 Days

The conditions of tender are the Standard Conditions of Tender as contained in Annex C of CIDB Standard for Uniformity in Construction Procurement (August 2019). This standard is issued in terms of sections 4(f), 5(3)(c) and 5(4)(b) of the Construction Industry Development Board Act 38 of 2000 read with Regulation 24 of the Construction Industry Development Regulations, 2004 (as amended) issued in terms of section 33.

The Standard Conditions of Tender make several references to the tender data for details that apply specifically to this tender. The tender data shall have precedence in the interpretation of any ambiguity or inconsistency between the tender data and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the clause in the Standard Conditions of tender to which it mainly applies.

Clause number (refer to Annex C)	Section	Clause
C1.1.1	Actions	The Department of Sport, Arts and Culture as the employer and each tenderer submitting a tender offer shall comply with these conditions of the tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly, and transparently, comply with all legal obligations, and not engage in anticompetitive practices.

C.1.1.2	Actions	The Department of Sport, Arts and Culture and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate. Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result. 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.
C.1.1.3	Actions	The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with and complete the contract within the stipulated completion time. Failure to complete will result in penalties being applied and tendered being blacklisted with CIDB and National Treasury

C.1.4	Communication and employer's agent	Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated below: The employer's representative is (Principal Agent): SIST Engineers Name: Talu Mudau Address: 18 Smiso Nkwanyana Road Tel: 031 065 1099 E-mail: talusistengineers.co.za
C1.6.3	Proposal procedure using the two-stage system	Not applicable.
C.2.1	Eligibility	Only those tenderers who are registered with the CIDB or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to 5 GB or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 5GB class of construction work, are eligible to have their tenders evaluated. Please note that your registration should be valid.

		Joint ventures are eligible to submit tenders provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the 5 GB or higher class of construction work; or not lower than one level below the required grading designation in the class of construction works under considerations and possess the required recognition status. 3. Contractor can only submit one tender per tender as a joint venture partner or individual company, not both. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 5 GB or higher class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations.
C.2.4	Confidentiality and copyright	Bidder to treat confidential all matters arising in connection with the bid. Use and copy the documents issued by The Department of Sports Arts and Culture only for the purpose of preparing and submitting a bid offer in response to the invitation.
C.2.7	Clarification meeting	Compulsory briefing will take place at Council Chamber (Masilonyana Municipality) Site Visit : Winnie Madikizela Mandela Bombed Clinic On the: Tuesday, 26 September 2023 @ 11:00am.
C.2.8	Seek clarification	Tenderers should request clarification of the tender documents, if necessary, by notifying the Employer's Representative indicated in the Tender Notice and Invitation to Tender in writing at least five (5) working days before the closing time stated in the tender data.
C.2.9	Insurance	The Department of Sport, Arts and Culture accepts that the submission of a Tender shall be construed as an acknowledgment by the Tenderer that she/he will provide her/his own insurance for this contract to safeguard the works against damages and the public injuries, diseases etc.

C.2.10.3	Pricing of the tender offer	Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.
C.2.11	Alterations to documents	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.
C.2.13	Submitting a tender offer	C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data. C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink. C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer. C.2.13.4 Sign the original of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. C.2.13.5 Seal the original tender offer marking the as "ORIGINAL" Tender shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address. C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

C.2.14	Information and data to be completed in all respects	Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as non-responsive
C.2.15	Closing time	The closing time for submission of tender offers is:
C.2.16	Tender Offer validity	The Tender Offer validity period is 12 Weeks. “If the tender validity expires on a Saturday, Sunday or public holiday, the Tender Offer shall remain valid and open for acceptance until the closure of business on the following working day.” The validity period may be extended in writing by the Employer.
C.2.17	Clarification of tender offer after submission	Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted. Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.
C.2.18	Provide other material	C.2.18.1 Provide, on request by the employer, any other material or equipment that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferential arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive. C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

C.2.19	Inspections, tests and analysis	The Tenderer must provide access during working hours to his premises for inspections on request.
C.3.2	Issue Addenda	If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.
C3.3	Return of late tenders	Late tenders will not be returned.
C.3.8	Test for responsiveness	C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received: a) complies with the requirements of these Conditions of Tender, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would: a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work, b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

C.3.9	Arithmetical errors, omissions and discrepancies'	C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern. C.3.9.2 Check the tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3.11 for: a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in: (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or (ii) the summation of the prices. C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices. C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows: a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected. b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.
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C.3.11	Evaluation of Tender offers	The tenders will be evaluated for price and preference. Apply the 80/20 Preference Point system where a maximum of eighty (80) points will be awarded for price and twenty (20) points will be awarded for specific goal After price and preference have been scored, arithmetic check will be conducted for those tenderers that are responsive.
C.3.11	Evaluation of Tender offers (Continued)	The Department of Sport, Arts and Culture is obligated to undertake risk assessment before accepting offers. In doing the risk assessment the following must be considered. 1. Employer is restricted in accordance with clause 4. (4) of the Construction Regulations, 2014, to only appoint a Contractor whom he is satisfied has the necessary competencies and resources to carry out the work safely. 2. Employer is obligated by standards of uniformity to tender to evaluate if the Contractor can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract. In this contract the risk assessment will be conducted in relation to the key area below: • Commercial Risk Price offered should not pose commercial risk to completion of the project. The BEC may interview the bidder should it be deemed necessary • Current workload The Department of Sport, Arts and Culture will assess the Bidders workload and risk thereto. • Projects under construction (not taken Works Completion at time of evaluation), already awarded or being considered for award. • The BEC may choose to interview the bidders should it deem it necessary to further assess the risk

		- The bid of any bidder will be disregarded if that bidder, or any of its directors have: - abused The Department of Sport, Arts and Culture supply chain management system; - committed fraud or any other improper conduct in relation to such system.
C.3.12	Insurance provided by the Employer	The Employer will not take out any insurance.
C.3.13	Acceptance of Tender Offer	Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer: - is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement; - can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract; - has the legal capacity to enter into the contract; - is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing; - complies with the legal requirements, if any, stated in the tender data; and - is able, in the opinion of the employer, to perform the contract free of conflicts of interest. Add the following: - A Tender Offer will only be accepted on condition that such acceptance is not prohibited in terms of the Public Finance Management Act.

C.3.17	Provide Copies of the Contract	One signed copy of contract shall be provided by the Employer (per tender) to the successful Tenderers. For record purposes the contractors should buy a copy of the contract for use as reference during contract administration.
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Part T2: Returnable Documents

T2.1 List of returnable documents

1. Returnable documents

- T2.1.A: Central Supplier Database Registration Full Report. **(If not registered on day of award, tenderer will be disqualified)**
- T2.1.B: CIDB registration print out **(Registration will be verified online and if not valid on day of award, tenderer will be disqualified)**
- T2.1.C: Certificate of Good Standing with Workman Compensation Commissioner (COIDA/FEM). **(Registration will be verified online and if not valid on day of award, tenderer will be disqualified).**
- T2.1.D: Functionality Evaluation Criteria T2.1.E: Completed Projects
- T2.1.F: Current Projects

T2.2 List of returnable schedules

The tenderer is required to fully complete and/or submit the following documents with the tender. Tenderer to note non-completion of SBD 6.2 will result into disqualification

1. Returnable schedules that will be used to determine responsiveness:

- T2.2.A: Record of Addenda to Tender Documents
- T2.2.B: Compulsory Questionnaire
- T2.2.C: Resolution for signatory
- T2.2.D: Schedule of Proposed Sub-Contractors.
- T2.2.F: Additional Particulars Concerning Tenders.
- T2.2.G: Preference schedule: Specific goals
- SBD 1: Invitation to bid
- SBD 2: Valid Tax Compliance Status Pin. (Validity will be verified online- during supply chain management processes)
- SBD 4: Declaration of Interest.
- SBD 6.1: Preference Point Claim Form in terms of the preferential procurement regulations 2022.

- SBD 6.2: Declaration certificate and annexure C for local production and content for designated sectors. Tenderer to ensure the form is completed and signed. Failure to complete and sign will result into disqualification
- C1.1 Form of Offer and Acceptance **(must be completed per tender - Failure to complete and sign will result into disqualification.)**

2. Returnable schedules that will be incorporated into the contract:

- C1.1 Form of Offer and Acceptance
- C1.2 Schedule
- C2.1 Pricing Assumptions
- C2.2 Bill of Quantities **(must be completed in full, i.e. rates for all items must be provided- Failure to complete will result into disqualification)**
- C3 Scope of work
- C4 Site information

T2.1. A: Central Supplier Database (CSD) Registration Report.

If not registered on day of award, tenderer will be disqualified.

T2.1. B: Copy of CIDB print-out

Tenderer to attach CIDB print-out. Registration will be verified on line and if not valid on day of award, tenderer will be disqualified).

T2.1. C: Certificate of Good Standing with Workman's Compensation Commissioner. (COIDA)

Tenderer to attach Certificate of Good Standing with Workman's Compensation Commissioner. Validity of certificate will be verified online.

T2.1. D - Functionality Evaluation Criteria

The bidder to complete the table below and submit the following key person CV's and qualifications.

Service Providers will be evaluated in terms of functionality as part of the minimum requirement before evaluated on price. The functionality criteria are as follows:

NO	CRITERIA	WEIGHT	TOTAL
6.1.	COMPANY'S TRACK RECORD List of similar projects successfully completed (i.e., Construction/Steel works /Glazing/shop front related projects for Municipalities/private sector/Government.Entities).Tenderers have demonstrated experience in working with municipalities/private sector/government entities and must submit a minimum of one written testimonials/referral letter for each project completed, the referral letter must be on the letter head of the client. Previously completed projects must be of similar nature.(i.e. building or structural) and to the value of R500,000.00 or above. Written testimonials/referral letters must be for construction.	40	
	a. Provided 8 or more References (40 Points)	40	
	b. Provided 5 to 7 References (30 points)	30	
	c. Provided 3 to 4 References (20points)	20	
	d. Provided 1 to 2 Reference (10 points)	10	
	e. 0 references (0 points)	0	
TOTAL			
Referral letters to be attached for numbers of projects completed: Completion Certificates showing Project Name, Client Name, Contact Numbers of the previous client, Client Signature, and Signature of the Consultant's representative.			
6.2.	PROPOSED PROJECT TEAM Bidders should provide qualifications, skills, and experience of Contracts Manager, Quantity Surveyor, Site Manager, Occupational Health and Safety Officer and a Site Foreman to be assigned and committed to work on the project. Attach CVs with certified copies of qualifications and work experience of similar projects.	30	
	a) Contracts Manager/Project Manager with More than 5 years of experience in the industry of similar nature and registered with professional council as a professional construction manager or construction project manager. BSc. Or BTech. Built	5	

	b) Quantity Surveyor with More than 5 years of experience in the industry of similar nature. BSc. Or BTech. Quantity Surveying. (5 Points)	5	
	c) Site Manager with More than 5 years of experience in the industry of similar nature. 3 years-built environment qualification. (5 Points)	5	
	d) Occupational Health and Safety Officer with More than 5 years of experience in the industry of similar nature and registered with professional council. Occupational Health and Safety qualification. (5 Points)	5	
	e) Site Foreman with More than 5 years of experience in the industry of similar nature. (5 Points)	5	
	f) Exhibition designer More than 5 years of experience in the industry of similar nature. A post graduate qualification in heritage or museology or related fields.	5	
TOTAL			
Certified Certificates (including professional registration certificate) with CV to be used as a reference for evidence.			

NO	CRITERIA	WEIGHT	TOTAL
6.3.	PROJECT PROGRAMME OF WORKS/PROJECT PLAN AND CASH FLOW Company attached both a detailed Gantt chart and cash flow. Showing clear start date and completion, Clear understanding of task to be executed.	30	
	a. Attached a detailed cash flow and programme of works with clear start date and completion, Clear understanding of task to be executed.	30	
	b. Attached one of the requested documents or not attached any document (0 points)	0	
TOTAL			
Written project Gantt chart/programme of works and Cash flow			
MINIMUM OF 70 POINTS WILL BE REQUIRED IN ORDER FOR THE BIDDER TO GO THROUGH THE FUNCTIONALITY STAGE			

Tenderer's signature		Date	
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T2.1. E – Completed Projects

The bidder to complete the table below and submit at least three (3) completion certificates in the Construction and Built Environment (Practical/Final Completion Certificates)

Provide details of completed projects

Name of Project	Client	Client Contact Person & Contact No.

Tenderer's signature		Date	
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T2.1. F – Current Projects

The bidder to complete the table below and list of all construction projects those are currently in progress.

Provide details of current projects

Name of Project	Value of project (R)	Date of site handover	Progress (%)	Client	Client Contact Person & Contact No.

Tenderer's signature		Date	
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T2.2. A - Record of Addenda to tender documents

We confirm that the following communications received from The Department of Sports, Arts and Culture before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: Addenda to be attached with tender documents is compulsory.		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed		Date	
Name	.....	Position	.....
Enterprise name	.....		.....

T2.2. B - Compulsory Enterprise Questionnaire

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|--|---|
| ☐ a member of any municipal council | ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| ☐ a member of any provincial legislature | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the National Assembly or the National Council of Province | ☐ an employee of Parliament or a provincial legislature |
| ☐ a member of the board of directors of any municipal entity | |
| ☐ an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- | | |
|--|---|
| ☐ a member of any municipal council | ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| ☐ a member of any provincial legislature | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the National Assembly or the National Council of Province | ☐ an employee of Parliament or a provincial legislature |
| ☐ a member of the board of directors of any municipal entity | |
| ☐ an official of any municipality or municipal entity | |

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- authorizes The Department of Sport, Arts and Culture to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Date

Signed

Name

Position

Enterprise
name

T2.2.C: RESOLUTION FOR SIGNATORY

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
-----------------------	---

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY (COMPULSORY FOR COMPLETION)

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form on the company letter head.

An example is given below:

“By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears below, has been duly authorised to

sign all documents in connection with the tender for Contract No. **tbc**

and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

1. _____ SIGNATURE: _____

2. _____ SIGNATURE: _____

T2.2. D: Schedule of Proposed Subcontractors

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.

Contractor is required not to subcontract more than 25% of the work and the contractor has to attach subcontractor CSD & CK documents.

	Name and address of proposed Subcontractor	Nature and extent of work	Previous experience with Subcontractor.
1.			
2.			
3.			
4.			
5.			
6.			

Signed

Name

Enterprise name

.....

.....

.....

Date

Position

T2.2. F: ADDITIONAL PARTICULARS CONCERNING TENDERERS

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
-----------------------	---

SURETIES AS SECURITY (OPTIONAL FOR THOSE THAT CHOOSE TO PROVIDE CONSTRUCTION GUARANTEE AS SECURITY)

Since I/we propose to furnish one sureties as security, the following particulars are provided:

1.1 Name of surety:

.....

.....

Address of surety:

.....

.....

Bank of surety:

.....

Branch:

.....

T2.2. G: Preference schedule: Specific Goal

Tenderer to attach full CSD report, CIPC Documents and Medical certificate to confirm disability (if applicable).

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF SPORTS, ARTS AND CULTURE							
BID NUMBER:	DSAC 09/23-24	CLOSING DATE:	20 OCTOBER 2023	CLOSING TIME:	11:00am		
DESCRIPTION	CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT						
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)							
The Department of Sport, Arts and Culture,							
Sechaba House, 202 Madiba Street, Cnr Madiba and Paul Kruger Street,							
Pretoria							
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO				TECHNICAL ENQUIRIES MAY BE DIRECTED TO:			
CONTACT PERSON	Ms. Tshepiso Ramatapa			CONTACT PERSON	Mr. Matthwes Makhombathi		
TELEPHONE NUMBER	072 751 8018			TELEPHONE NUMBER	066 139 3566		
FACSIMILE NUMBER	N/A			FACSIMILE NUMBER	N/A		
E-MAIL ADDRESS	Tshepisor@dsac.gov.za			E-MAIL ADDRESS	Matthwesm@dsac.gov.za		
SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER	CODE			NUMBER			
CELLPHONE NUMBER							
FACSIMILE NUMBER	CODE			NUMBER			
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:			OR	CENTRAL SUPPLIER DATABASE No:	MAAA	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No			B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] ☐ Yes ☐ No	
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]							
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]			ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS							
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.							

PART B

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4.	THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS	
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6	WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7	NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution)

DATE:

SBD2: TAX COMPLIANCE STATUS AND PIN REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

- Tenderer to attach tax compliance status and pin number document. Validity will be verified on- line during supply chain management processes.

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

- 2.2.1 If so, furnish particulars:

.....

- 2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

- 2.3.1 If so, furnish particulars:

.....

3 DECLARATION

SBD4

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

² 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.

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

- a) The applicable preference point system for this tender is the **80/20** preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.3 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

1.4 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.5 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating

contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1 POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

$P_{\min}$ = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$P_s = 80 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) \quad \text{or} \quad P_s = 90 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

$P_{\max}$ = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1** In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

- 4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender (B-BBEE 10 points, Specific goals 10 points)	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
B-BBEE Status Level of Contributor		10		
1		10		
2		9		
3		8		
4		5		
5		4		
6		3		
7		2		
8		1		
Non-compliant contributor		0		
PROMOTION OF SMMES (RDP GOALS)		10		
Women Owned		4		
Youth		4		
People living with Disabilities		2		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3 Name of company/firm.....

4.4 Company registration number:

3.1. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company

- Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE]

4.6 .I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- a) The information furnished is true and correct;
- b) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- c) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- d) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - disqualify the person from the tendering process;
 - recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

SBD 6.2:

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2011, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2011 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

- 1.6 A bid may be disqualified if –
 - (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
 - (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
- 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);

- 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
- 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9. **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.
3. **The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
Steel products and components	100%
PVC pipes and components	100%
Valves	100%

4. Does any portion of the services, works or goods offered have any imported content?
(**Tick applicable box**)

YES		NO	
-----	--	----	--

- 4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?
(**Tick applicable box**)

YES		NO	
-----	--	----	--

5.1. If yes, provide the following particulars:

- (a) Full name of auditor:
(b) Practice number:
(c) Telephone and cell number:
(d) Email address:

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):

.....
NB

1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thdti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
do hereby declare, in my capacity as
of(name of bidder entity), the
following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
(ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Annex C

Local Content Declaration - Summary Schedule

(C1) (C2) (C3) (C4) (C5) (C6) (C7)

Tender No.	
Tender description:	
Designated product(s)	
Tender Authority:	
Tendering Entity name:	
Tender Exchange Rate:	
Specified local content %	

Note: VAT to be excluded from all calculations

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Tender summary												
Calculation of local content								Tender summary				
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content	
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)	
(C20) Total tender value									R 0			
Signature of tenderer from Annex B								(C21) Total Exempt imported content				R 0
								(C22) Total Tender value net of exempt imported content				R 0
								(C23) Total Imported content				R 0
								(C24) Total local content				R 0
								(C25) Average local content % of tender				
Date:												

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. _____

(D2) Tender description: _____

(D3) Designated Products: _____

(D4) Tender Authority: _____

(D5) Tendering Entity name: _____

(D6) Tender Exchange Rate: _____ Pula _____

Note: VAT to be excluded
from all calculations

EU R 9.00 GBP R 12.00

A. Exempted imported content

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt imported value										R 0	

This total must correspond with
Annex C - C 21

B. Imported directly by the Tenderer

Calculation of imported content										Summary	
Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total imported value by tenderer										R 0	

C. Imported by a 3rd party and supplied to the Tenderer

Calculation of imported content										Summary	
Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by 3rd party										R 0	

D. Other foreign currency payments

Calculation of foreign currency payments					Summary of payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party						

Signature of tenderer from Annex B

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

Date: _____

This total must correspond with
Annex C - C 23

Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R 0

(E10) **Manpower costs** (Tenderer's manpower cost) R 0

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.) R 0

(E12) **Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.) R 0

(E13) Total local content R 0

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

Part C1: Agreement and Contract Data

C1.1 Form of Offer and Acceptance

Tender No:	DSAC 09/23-24
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OFFER

The Implementing Agent, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: **CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT**

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

.....

 (in words)

R..... (in figures)

This offer may be accepted by the Employer by signing the acceptance part of this form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the tender data, whereupon the Tenderer becomes the party named as the Contractor in the conditions of contract identified in the contract data.

The offered amount should be VAT inclusive. If the contractor is not VAT registered, given the contract value the Contractor will be legally obligated and required to immediately register for VAT and charge Vat IF awarded the tender.

SIGNED FOR THE TENDERER:

Signatures (s)			Date
Name(s)			
Capacity			
For the tenderer			
	(Name and address of Tenderer)		

WITNESSED BY:

--	--	--

Name of Witness	Signature	Date
-----------------	-----------	------

ACCEPTANCE

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer's offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1 : Agreements and contract data, (which includes this agreement)

Part C2 : Pricing data

Part C3 : Scope of work

Part C4 : Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five (5) working days of the date of such receipt notifies the employer in writing of any reason why he/she cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

FOR THE EMPLOYER:

Name of Signatory	Signature	Date

Name of Organisation:	DEPARTMENT OF SPORT, ARTS AND CULTURE
Address of Organisation	Sechaba House, 202 Madiba Street, Cnr Madiba and Paul Kruger Street, Pretoria

WITNESSED BY:

Name of Witness	Signature	Date

SCHEDULE OF DEVIATIONS:

1.1.1. Subject:
Detail:

1.1.2. Subject:
Detail:

1.1.3. Subject:
Detail:

1.1.4. Subject:
Detail:

1.1.5. Subject:
Detail:

1.1.6. Subject:
Detail:

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data

and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

C1.2 SCHEDULE

C1.2: SCHEDULE:

The Conditions of Contract are clauses 1 to 41 of the **JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005)** published by the Joint Building Contracts Committee.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057-3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909; 011-4860684; 053-8312003;)

The JBCC Principal Building Agreement makes several references to the Schedule for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Schedule shall have precedence in the interpretation of any ambiguity or inconsistency between it and the JBCC Principal Building Agreement.

Each item of data given below is cross-referenced to the clause in the JBCC Principal Building Agreement to which it mainly applies.

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA- MANDELA HOUSE IN BRANDFORT
Tender No:	DSAC 09/23-24

	CONTRACT VARIABLES THE SCHEDULE
--	--

42.0	Part 1: Contract Data completed by the Employer
-------------	--

42.1	CONTRACTING AND OTHER PARTIES
42.1.1 [1.2]	Employer: The Department of Sport, Arts and Culture, Address Sechaba House, 202 Madiba Street, Cnr Madiba and Paul Kruger Street, Pretoria

[41.0]	N/A.
42.2	<u>PRE-TENDER INFORMATION</u>
	42.1. CONTRACTING AND OTHER PARTIES 42.1.1. Employer <u>Refer to Clause 42.1.1. [1.2] above</u> Postal address <u>.....</u> <u>.....</u> Code <u>.....</u> Tel: <u>.....</u> Fax: <u>.....</u> E-mail: <u>.....</u>

Tax / VAT registration No :

[1.2] Physical address Refer to Clause 42.1.1. [1.2] above

42.1.2. Principal Agent SIST Engineers Pty Ltd
[5.1]

Postal address N/A

Code 0699

Tel: 031 065 1099 Fax: N/A E-mail: tal@sisengineers.co.za

42.1.3. Agent (1) _____
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.4. Agent (2) _____
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.5. Agent (3) _____
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.6. Agent (4) _____
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.7. Agent (5)
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.8. Agent (6)
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.1.9. Agent (7)
[5.2]

Agent's services _____

Postal address _____

Code _____

Tel: _____ Fax: _____ E-mail: _____

42.2. CONTRACT DETAILS

42.2.1. Works description

Refer to Part C3 [C3.1]
Scope of Works

42.2.2. Site description Mama Winnie Bombed Clinic

42.2.3. Work or Installations
[22.2] by **direct contractors**

Not Applicable

42.2.4 Specific options that are applicable to a **State** organ

[41.0] Where

[31.11.2#] (1) Interest rate

[11.2#] (2) Lateral support insurance to be effected by the **Contractor**

(yes/no)

Yes

[31.4.2#] (3) Payment will be made for **materials and goods**

(yes/no)

Yes

[40.2.2#] (4) Dispute resolution by **litigation**

(yes/no)

No

[26.1.2#] (5) Extended **defects** liability period applicable to the following elements:

Not Applicable

42.2.5 Possession of the **site** is to be given on

[15.2.1#]

(date)

42.2.6 Period for the commencement of the **works** after
[15.3] the **contractor** takes possession of the **site**

(working days)

5

42.2.7 For the **works** as whole:

[24.3.1] The date for **practical completion**

[30.1] and the **penalty** per **calendar day**

or

42.2.8 For the **works** in **sections**:

[24.3.1] The date for **practical completion**

[28.1] and the **penalty** per **calendar day**

Section 1

Date

Penalty amount

Date

Penalty amount

	Section 2 Section 3 Section 4 Section 5 Section 6
42.2.9	The law applicable to this agreement shall be that of [1.2] (country) Republic of South Africa
42.3.	INSURANCES
42.3.1.	Contract works insurance to be effected by [10.1#, 10.2#, 12.1#] (Employer/Contractor) Contractor For the sum of (amount) Contract sum plus 10% With a deductible of (amount)
42.3.2.	Supplementary insurance is required [10.1#, 10.2 #, 12.1#] (yes/no) Yes (Where 'yes' state requirement)
42.3.3.	Public liability insurance to be effected by [11.1#,12.1#] (Employer/Contractor) Contractor For the sum of (amount) R 5 000 000,00 With a deductible of (amount)
42.3.4.	Support insurance to be effected by the employer Not Applicable
42.4	DOCUMENTS
42.4.1	Waiver of the contractor's lien or right of continuing possession is required [3.3, 15.1.3, 31.16.2#] (yes/no) Yes
42.4.2	Construction document copies to be supplied [3.7] to the contractor free of charge (Nº of) 3
42.4.3	Bills of quantities/Lump sum document schedule of rates drawn up in accordance with

[11.2.#] [31.4.2 #] [40.2.2.#] [26.1.2 #]	the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer , the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply 2) Lateral support insurance to be effected by the contractor : 3) Payment will be made for materials and goods: Yes ☐ No ☒ 4) Dispute resolution by Arbitration Yes ☒ No ☐ 5) Extended defects liability period applicable to the following elements: None Yes ☒ No ☐
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : Five (5) working days.
42.2.7 [24.3.1] [30.1]	For the works as a whole: The date for practical completion shall be 18 weeks from the commencement date and the penalty per calendar day shall be: 7,5 cents per R100.00 of the CONTRACT SUM per calendar day, to a maximum amount of 10% of the CONTRACT SUM.
42.2.9 [1.2]	
42.3	INSURANCES
42.3.1	Contract works insurance to be effected by the contractor
42.3.2	Supplementary insurance is required: Yes No ☒
42.3.3 [11.1#, 12.1 #]	Public liability insurance to be effected by the contractor ☒ For the sum of R 5 million With a deductible not exceeding 5% of each and every claim
42.4	DOCUMENTS
42.4.3	Bills of quantities drawn up in accordance with: ASAQS Standard System of Measuring Building Works
42.4.5 [3.4]	JBCC Preliminaries (May 2005) JBCC Principal Building Agreement (March 2005) are to be included in the contract documents for use with the JBCC Nominated/selected Subcontract Agreement.
42.4.6 [31.5.3] [32.13]	The contract value is to be adjusted using CPAP indices: Yes No ☒ Alternative Indices: Not Applicable
42.4.7 [3.10]	Details of changes made to the provisions of JBCC standard documentation Clause 1.1 COMMENCEMENT DATE – means the date of issue of the Letter of Acceptance or any such other date as may be specified in the Letter of Acceptance, whichever is the later, provided always that any such other date so specified shall not be more than Fourteen (14) calendar days after the date of the Letter of Appointment. CONSTRUCTION GUARANTEE – means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule . CONSTRUCTION PERIOD – “as captured in the Contract under State Provisions”. CORRUPT PRACTICE – means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to and after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.

	INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular: (a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply SECURITY – means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expenses or loss. 3.2.1 A construction guarantee in terms of 14.0, where so elected in his/her tender. 3.7 Add at the end thereof: The contractor shall supply and keep a copy of the JBCC applicable to this contract on site, to which the employer, principal agent and agents shall have access to at all times. 3.10 Replace the second reference to “principal agent” with the word “employer” 5.1.2 under clause 41- Include reference to 32.6.3; 34.3 and 34.4 in terms of which the employer has retained its authority and has not given a mandate to the principal agent and in terms of which the employer shall sign all documents. Damage to the works a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works c) The employer shall carry the risk of damage to or destruction of the works and materials paid for by the employer that is the result of the excepted risks as set out in 10.6 d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof 10.6 Add the following as 10.6 Injury to Persons or loss of or damage to Properties a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or neglect of any person for whose actions the employer is legally liable b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or neglect of any person for whose actions the employer is legally liable c) The contractor shall upon receiving a contract instruction from the principal agent cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor.
--	--

- d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**.
- e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor**, shall and will remain adequately insured or insured against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- f) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the **works**

10.7 Add the following as 10.7

HIGH RISK INSURANCE

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or do line formation the following will apply:

10.7.1 Damage to the works

The **contractor** shall, from the **commencement date** of the **works** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and **security** measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**, at the **contractor's** own costs

10.7.2 Injury to persons or loss of or damage to property

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty one (21) calendar days of the **commencement date** but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

10.7.4 The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

14.0 Replace the entire clause 14.0 with the following:

14.0 SECURITY

14.1 The **security** to be submitted by the **contractor** to the **employer** will be as a payment reduction of up to ten per cent (10%) of the value certified in the **payment certificate** (excluding VAT)

14.1.1 The payment reduction of the value certified in a **payment certificate** shall be mutatis mutandi in terms of 31.8(A)

14.1.2 The **employer** shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the **employer** complies with the provisions of 33.4 in which event the **employer's**

	entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor 14.2 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.2.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(B) 14.2.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within fourteen (14) calendar days of commencement date 15.2.1 Under 41: Amend to read as follows: "Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.2 and 15.1.4 31.8(A) Where a security is selected in terms of 14.1; the value of the works in terms of 31.4.1 and of the materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion 31.8. (A).2 Ninety-seven per cent (97.5%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(A).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate. 33.2.9 the contractor's failure or neglect to commence with the works on the dates prescribed in the contract 33.2.10 the contractor's failure or neglect to proceed with the works in terms of the contract 33.2.11 the contractor's failure or neglect for any reason to complete the works in accordance with the contract 33.2.12 the contractor's refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract 33.2.13 the contractor's estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 34.13 Replace "seven (7) calendar days" with "twenty-one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due" 36.3 Remove reference to "No clause", and replace "principal agent" with "employer" 36.7 Add the following: "Notwithstanding any clause to the contrary, on cancellation of 37.5 this agreement either by the employer or the contractor; or for any reason and whatsoever, the contractor shall on written instruction, discontinue with the (38.7) works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever" 37.3.5 Replace "ninety (90)" with "one hundred and twenty (120) and 38.5.4 39.3.5 Add the following words at the end thereof: "within one hundred and twenty (120) working days of completion of such report"
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	40.2.2 under clause 41 – Replace “one (1) year” with “three (3) years” 40.6 under clause 41 – Remove reference to no clause 40.7.1 Change “(10)” to “(15)” Add the following to the end thereof: Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.

42.0	Part 2: Contract Data provided by the Contractor:
	POST-TENDER INFORMATION
42.5	CONTRACT DETAILS
42.5.1	Contractor: Postal address: Tel: Fax: E-mail: TAX / VAT Registration No: Physical address:
42.5.2	The accepted contract sum/s inclusive of value added tax is: Bid No.: DSAC 09/23-24: R..... (Figures) (Words)
42.5.7 [14]	The security to be provided by the contractor: (a) in respect of contracts above R1 million, the contractor will provide security in terms of 14.1 (1) The security to be submitted by the contractor to the employer will be a construction Guarantee of 12.5% of the contract value OR Yes ☐ (2) Payment reduction of 10% of the value certified in the payment certificate Yes ☐ (excluding VAT)

42.7	SIGNATURES OF THE CONTRACTING PARTIES								
Thus done and signed at _____ on _____ <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> _____ Name of signatory by signature hereof warrants </td> <td style="width: 50%; border: none;"> _____ for and behalf of the Employer who authorization hereto </td> </tr> <tr> <td style="border: none;"> _____ Capacity of signatory </td> <td style="border: none;"> _____ as Witness </td> </tr> </table> Thus done and signed at _____ on _____ <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> _____ Name of signatory who by signature hereof warrants authorization hereto </td> <td style="width: 50%; border: none;"> _____ for and behalf of the Contractor </td> </tr> <tr> <td style="border: none;"> _____ Capacity of signatory </td> <td style="border: none;"> _____ as Witness </td> </tr> </table>		_____ Name of signatory by signature hereof warrants	_____ for and behalf of the Employer who authorization hereto	_____ Capacity of signatory	_____ as Witness	_____ Name of signatory who by signature hereof warrants authorization hereto	_____ for and behalf of the Contractor	_____ Capacity of signatory	_____ as Witness
_____ Name of signatory by signature hereof warrants	_____ for and behalf of the Employer who authorization hereto								
_____ Capacity of signatory	_____ as Witness								
_____ Name of signatory who by signature hereof warrants authorization hereto	_____ for and behalf of the Contractor								
_____ Capacity of signatory	_____ as Witness								

C1.3 Form of Guarantee

C 1.3: FIXED CONSTRUCTION GUARANTEE - JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005)

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
Tender No:	DSAC 09/23-24

1. With reference to the contract between _____

_____ (hereinafter referred to as the “**contractor**”) and **DSAC** (hereinafter referred to as the **employer**”). Tender No: **TBC-** for the **CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT** (Herein after referred to as the “contract”) in the amount of

R _____,

_____ (**in words**), (hereinafter referred to as the **contract sum**.)

I/We, _____

in my/our capacity as _____ and hereby

representing _____ (hereinafter referred to as the **guarantor**”) advise that the **guarantor** hold at the **employer’s** disposal the sum of

R _____,

_____, (in words)

being **12.5%** of the **contract sum** (excluding VAT), for the due fulfilment of the contract.

2. The **guarantor** hereby renounces the benefits of the exceptions *non numeratae pecunia, non causa debiti; excussionis et divisionis*; and all other exceptions which could be pleaded against the enforcement of this guarantee, with the meaning and effect whereof i/we declare myself/ourselves to be conversant, and undertake to pay the **employer** the amount guaranteed, during the period when the claim is received by the **guarantor**, on receipt of a written demand from the **employer** to do so, and which demand the **employer** may make if the **employer** has a right of recovery against the **contractor** in terms of 33.0 of the contract.
3. Subject to the above, but without in any way detracting from the **employer’s** rights to adopt any of the procedures provided for in the contract, the said demand can be made by the **employer**, at any stage prior to the expiry of this guarantee.
4. The amount paid by the **guarantor** in terms of this guarantee may be retained by the **employer** on condition that upon the issue of the last final **payment certificate**, the **employer** shall account to the **guarantor** showing how this amount has been expended and refund any balance due to the **guarantor**.
5. The **employer** shall have the absolute right to arrange his affairs with the **contractor** in any manner which the **employer** deems fit and the **guarantor** shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the **guarantor**. Without derogating from the foregoing, any compromise, extension of the **construction period**, indulgence, release or variation of the **contractor’s** obligation shall not affect the validity of this guarantee.
6. This undertaking is neither negotiable nor transferable, and
 - a) must be surrendered to the **guarantor** at the time when the **employer** accounts to the **guarantor** in terms of clause 4 above, or
 - b) shall lapse on the date of the last **certificate of practical completion**; and
 - c) shall not be interpreted as extending the **guarantor’s** liability to anything more than payment of the amount guaranteed.

SIGNED AT _____ ON THIS _____ DAY OF _____ 20__

AS WITNESS

1. _____

2. _____

By and on behalf of

(insert the name and physical address of the guarantor)

NAME: _____

CAPACITY: _____
(duly authorized thereto by resolution attached marked Annexure A)

DATE: _____

- A. No alterations and/or additions of the wording of this form will be accepted.
- B. The physical address of the guarantor must be clearly indicated and will be regarded as the guarantor's *domicilium citandi et executandi*, for all purposes arising from this guarantee.
- C. This GUARANTEE must be returned to:

Part C2: PRICING DATA

C2.1: PRICING INSTRUCTIONS

1. The Bills of Quantities have been drawn up in accordance with the latest edition of Standard System of Measuring Building Work published and issued by the Association of South African Quantity Surveyors and, where applicable, the:
 - a) civil engineering work has been drawn up in accordance with the provisions of the latest edition of SANS 1200 Standardized Specifications for Civil Engineering Works.
 - b) electrical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).
2. The agreement is based on the JBCC Series 2000 Principal Building Agreement Edition 4.1 (March 2005), prepared by the Joint Building Contracts Committee. The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
3. Preliminary and general requirements are based on JBCC Preliminaries (May 2005).
4. It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).
5. The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the Principal Agent and can be viewed at any time during office hours up until the completion of the works.
6. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
7. Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")

8. The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminaries) of the Bills of Quantities
9. The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor's risk.
10. The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.
11. Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 10 but taking into account the revised period for completing the works.
12. The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:
 - a) an amount which is not to be varied, namely Fixed (F)
 - b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
 - c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).
13. Where no provision is made in the Bills of Quantities to indicate which of the three categories in 12 apply or where no selection is made, the adjustments shall be based on the following breakdown:
 - a) 10 percent is Fixed;
 - b) 15 percent is Value Related
 - c) 75 percent is Time Related.
14. The adjustment of the Preliminaries shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.

C2.2: BILL OF QUANTITIES

The priced Bill of Quantities (BOQ's), following hereafter will form an integral part of the "Contract" between the successful appointed Contractor and the Employer.

It is compulsory for the Tenderer to complete the Bill of Quantities in full. Failure to complete the Bill of Quantities in full be disqualified.

Part C3: SCOPE OF WORK

C3.1: SCOPE OF WORK

Project title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
Tender No:	DSAC 09/23-24

SCOPE OF WORK (Refer to Bills of Quantities and drawings for a detailed scope of work)

- **Building works**
 - Alterations (Provisional)
 - Earthworks (Provisional)
 - Concrete, Formwork and Reinforcement
 - Masonry
 - Waterproofing
 - Roof covering
 - Ceiling
 - Ironmongery
 - Structural steelwork
 - Glazing
 - Plastering
 - Plumbing and Drainage
 - Paintwork
- **External works**
 - Walkways etc.
 - Stormwater reticulation
 - Landscaping
- **Electrical Works**
 - Electrical Installation
- **The interpretation and exhibitions**

The contractor will be responsible for the following:

- Creating artwork, such as pictures, to illustrate Mama Winne Madikizela Mandela.
- Installing two 65 cm touch display screens that will display text and a 15-minute video about Mama Winnie Madikizela Mandela.
- Presenting the bombed clinic crime scene to visitors as described by the drawing.
- Exhibiting the interpretation plan as per the provided text.

The contractor will work closely with the consultants to ensure that the artwork, displays, and interpretation plan are accurate and informative.

CS1 General Statement and Interpretations

Occupational Health and Safety Act, Act 85 of 1993 shall apply to this Contract. The Construction Regulations promulgated on 7 February 2014 and incorporated into the said Act by Government Notice R. 84, published in Government Gazette 37305 apply to any person involved in construction work. These regulations are hereinafter referred to as “the Construction Regulations” and the said Act as “the Act”.

NB: THE SITE TO HAVE ITS OWN SAFETY FILE. The cost of such preparation and maintenance shall be deemed included in the tender.

C3.3: CONTRACTORS REPORT

PART: 1

CONTRACTOR MONTHLY REPORT

Project No: **Project Name:**.....

Contract No:

Contractor Name:

Claim No: **For Period Ending:**

Date of Report:

The Contractors Monthly Report comprises an integral part of the Contractors Payment Claim and processing of the payment claim is not permitted without this report also being submitted i.e.

“NO REPORT – NO PAYMENT”.

Attachments:

- Part 2 Overall Project Worker Schedule: Schedule of all local labourers employed since the start of the project
- Part 3 Weekly Task Wage Register
- Part 4 Local Labour Schedule

OVERALL PROJECT WORKER SCHEDULE (local labourers only) Contract No: PART 2

Project No. Project Name:

Month of Report: Sheet: of

Names of all **Local Workers** employed **at any time on the project** are to be entered in the table below irrespective of how long they worked on the project.

No.	Name of Local Labourer	Identity Number	Month Worker Started	Age	Tick if Yes										Place a tick in the box which corresponds to the Gender and Age of the Worker				Total No. of workers Employed on the Project	
					Female Head of Household with Dependants	Disabled	Labourer	Semi-Skilled	Skilled	Supervisor	Clerical	Managerial	Professional	Women		Men				
														Over 35 yrs 2A	35 yrs & under 2B	Over 35 yrs 2C	35 yrs & under 2D			
Totals for this sheet																				Total No. of workers Employed on the Project
Totals from previous sheet																				
Totals carried forward																				

(A)(B)(C)(D)(E)(F)(G)(H)(I)(J)(K)(L)(M)(N) = (J+K+L)

Completed by: Name: Signature..... Capacity Date.....

LOCAL LABOUR AND MATERIAL SCHEDULE

PART 4

Contract No:

Date of Report:

Project No:

Project Name:

Claim No:

For Period Ending:

Contractor Name:

1. Summary of Day Tasks worked and Amount Spent on Local Labour this month

Week No.	Week Ending	Total Day Tasks / Person Days Worked	Total Amount Paid
		(Total of (A) from Form 4 for each week)	(Total of (B) from Form 4 for each week)
1			R
2			R
3			R
4			R
5			R
6			R
7			R
8			R
9			R
Total			R

Transfer to 2 in table below

2. Summary of Amount Spent on Local Labour to date

1. Previous Amount Spent on Local Labour (From previous claim)	R
2. Amount Spent on Local Labour this month (From Total above)	R
3. Total Amount Spent on Local Labour to date (3)=(1+2)	R

3. Local Labour Schedule

Summary of Local Labour Employed		No. of local workers who worked on the project to date (From Part 2)	% of Total
Columns refer to Columns in Part 2			
1. Total No. of individual local workers who have worked on the Project (Column N)			100%
10. How many of the Total No. are local youth (35 yrs and under) (Column B & D)			
11. How many of the Total No. are local women (Column A + B)			

4. Summary of Amount Spent on Material to Date (Cumulative)

Item	This Month	Total to date
1. Material from Local Municipality		
2. Material from Local District Municipality		

3. Material from Outside the FREESTATE PROVINCE		
4. Material from other areas within the FREESTATE PROVINCE		
Total Material		
Total material as percentage of contractor expenditure		
Total as percentage of contractor budget		

5. Training of Local Workers

Category of training	Name of course	No. trained	Days trained	Comments on progress
(a) Technical training for implementation	Bricklaying			
	Carpentry			
	Plumbing			
	Fencing			
	Plastering			
	Painting			
	House Building			
	Handyman			
	Electrical			
(b) Institutional training for local management beyond construction				
(c) Technical training for OMM				
(d) Institutional training for implementation				
(e) HIV/ Aids etc.				
Other – Please specify				
Total				

Completed by:

Name

Signature

Capacity

Date

C3.4: SCHEDULE OF CERTIFICATES OF COMPLIANCE REQUIRED

- Soil Poisoning C.o.C
- Glazing C.o.C
- Roof Sheeting C.o.C
- Paint C.o.C
- Compaction results
- Cube testing results
- Structural Steel grades certificate
- Painting
- Health and Safety File
- Labour File

Part C4: SITE INFORMATION

C.4.1: SITE INFORMATION

Project Title:	CONSTRUCTION OF COVERING FOR “BOMBED CLINIC” AND CREATE AN EXHIBITION AT MANA WINNIE MADIKIZELA- MANDELA HOUSE IN BRANDFORT
Tender No.:	DSAC 09/23-24

1. GENERAL

The approximate localities of the schools are as indicated on the attached Locality Plan.



Figure 1: MAMA WINNIE BOMBED CLINIC

2. GPS POSITIONS

GPS readings of the respective site are as follows: **TENDER NO.: DSAC 09/23-24**

Latitude : 26° 4'601.36"S
Longitude : 28°68'68.78"E
Main Road R30 : - - - - -

C4.2: DRAWINGS

LIST OF DRAWINGS

DRAWING NUMBER	DESCRIPTION	PAPER SIZE
ARCHITECT DRAWINGS		
SIST – WINNIE – 00 – WNN01-0 - 00	Floor Plan & Roof Plan	A1
SIST – WINNIE – 00 – WNN02-0 - 00	West and South Elevations	A1
SIST – WINNIE – 00 – WNN03-0 - 00	West, South and East Elevations	A1
SIST – WINNIE – 00 – WNN04-0 - 00	East Elevations, Section AA & BB	A1
SIST – WINNIE – 00 – WNN05-0 - 00	Site Plan	A1
STRUCTURAL DRAWINGS		
SIST-WINNIE-SE-C9001-P-0	Foundation & Ground Floor layout, Section & Details	A1
SIST-WINNIE-SE-C9002-P-0	Roof Layout, Sections & Details	A1
SIST-WINNIE-SE-C9003-P-0	Building & Truss Elevations	A1
SIST-WINNIE-SE-C9004-P-0	Reinforcement Layout, Fixing Details & Schedules	A1
SIST-WINNIE-SE-C9005-P-0	Structural Steel Connections	A1
ELECTRICAL DRAWINGS		
SIST – WINNIE – 00 – WNN01	Lighting Layout	A1
SIST – WINNIE – 00 – WNN01	Light Protection layout	A1
SIST – WINNIE – 00 – WNN01	Power Layout	A1
SIST – WINNIE – 00 – WNN01	Site Layout	A1

Item No	Quantity	Rate	Amount
<u>SECTION 1</u>			
<u>BILL No. 1</u>			
<u>PRELIMINARIES</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described The JBCC Principal Building Agreement contract data form an integral part of this agreement The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described The contractor is deemed to have referred to the above mentioned documents for the full intent and meaning of each clause The clauses in the above mentioned documents are hereinafter referred to by clause number and heading only Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable" 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			
Carried to Collection			R
Section 1			
Bill No. 1			
Preliminaries			

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

If any ambiguity or discrepancy in any of the documents forming part of the contract is found, then the contract data and or amendments within the special conditions of contract and herein shall prevail in cases of conflict between any of the documents

PRICING OF PRELIMINARIES

Contractors are required to price all individual items in the preliminary and general section of the bill of quantities and should not lump the items into a single sum or amount. This fully priced schedule must be included as part of the priced bill of quantities returnable with tender submission

In the event that the contractor, due to causes of his own making, fails to achieve the targets set out in his construction programme and his performance is not in accordance with the contract, payment of the time related p&g will be paid in proportion to the value of the monthly progress payment and not in accordance with the projected cash flow for this item. The principal agent shall review the status quo and revert to paying the contractor in accordance with the contract once the contractor has demonstrated improvement of their performance and the principal agent is satisfied that the contractor is performing diligently.

Carried to Collection

Section 1
Bill No. 1
Preliminaries

R

Similarly the full amount of the fixed portion of the p&g will be paid only once the successful contractor has fully complied with deliverables under this section

Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Pricing of bills of quantities

The contractor is to allow opposite each item for all costs in connection therewith. All prices 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 on the summary page of these bills of quantities

Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained

Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary

Contractors are reminded that some of the works are to be undertaken under restrictive site conditions, over steep terrain, in dense vegetation, protected environments etc.

Carried to Collection

Section 1
Bill No. 1
Preliminaries

R

In addition to the usual rates priced for standard measured items in the bills of quantities, contractors shall provide for all additional plant, labour, equipment, temporary works, temporary access ways and any additional supervision, transport, security, special plant and equipment to navigate restrictive site conditions and all things necessary for the completion of the works within this bills of quantities. The rates or amounts tendered for these items shall also include for the contractors management, attendance, profit, costs for removal and reinstatement of the ground conditions, vegetation, etc in the state and condition prior to the works being undertaken.

In addition to the usual rates priced for compliance with law and regulation in relation to inspections, warranties, guarantees, tests, analysis, commissioning and all things necessary for compliance, the contractor is expected to include in the rates, prices and the tendered total of the prices for all inspections, warranties, guarantees, tests, analysis, commissioning and all things necessary for compliance, payable by the contractor.

Such items include but are not limited to:

- Electrical Compliance Certificate
- Plumbing Compliance Certificate
- Lightning Certificate
- Electrical and Mechanical test certificates
- Four months warranty from electrical appliances.
- Plumbing and drainage pressure test certificates
- Fire Compliance Certificate
- SANS 10400-A:2010 compliance certificates
- Any other requirement as per the latest National Building Regulation

Carried to Collection

Section 1
Bill No. 1
Preliminaries

R

Contractors are reminded and hereby given the opportunity to allow for and price all costs related to the abnormal working conditions referred to herein as no claims for additional costs will be entertained for any omission on the part of contractor

Clause 3.9 amended to read 'The priced document shall not be used as a specification for material and goods and the quantities should not be used for procurement purposes.

All procurement of material will be based on actual site measurements and not on drawings, specifications or the bill of quantities

Abbreviated descriptions

The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice

Legal status of contractor

If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:

These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement

These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons

The contractor shall not alter its composition or legal status without the prior written consent of the employer

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

Interpretation (A1-A7)

1 Clause 1.0 - Definitions and interpretation

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

Item

2 Clause 2.0 - Law, regulations and notices

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

Item

3 Clause 3.0 - Offer and acceptance

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

Item

4 Clause 4.0 - Cession and assignment

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

Item

5 Clause 5.0 - Documents

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

Item

Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)

Priced document as specification

Clause 5.4 is deemed to be deleted

The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any

Electronic issue of drawings

Some drawings for this project will be issued electronically and the contractor shall be deemed to have received such drawings on the date that such drawings have been dispatched electronically [5.6]

6 Clause 6.0 - Employer's agents

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

Delegated authority

The authority of the principal agent to issue contract instructions [17.1] and perform duties for specific aspects of the works is delegated to agents as follows [6.2]. This does not preclude the principal agent from issuing such contract instructions:

1. Architect

1.1 Duties [6.2] :

The architect is responsible for the architectural design, functional design and quality inspection of the works

1.2 Contract instructions [6.2; 17.1] :

1.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement

1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works

1.2.3 The site [13.0]

1.2.4 Compliance with the law, regulations and bylaws [2.1]

1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works

1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

1.2.7 Removal or re-execution of work

1.2.8 Removal or substitution of any materials and goods

1.2.9 Protection of the works

1.2.10 Making good physical loss and repairing damage to the works [23.2.2]

Carried to Collection

Section 1
Bill No. 1
Preliminaries

R

1.2.11 Rectification of defects [21.2]

1.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion

1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums.

1.2.14 Appointment of a subcontractor [14.0; 15.0]

1.2.15 Work by direct contractors [16.0]

1.2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]

2. Quantity surveyor

2.1 Duties [6.2] :

The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works

2.2 Contract instructions [6.2; 17.1] :

2.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement

2.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works

2.2.3 The site [13.0]

2.2.4 Compliance with the law, regulations and bylaws [2.1]

2.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

2.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

2.2.7 Removal or re-execution of work

2.2.8 Removal or substitution of any materials and goods

2.2.9 Protection of the works

2.2.10 Making good physical loss and repairing damage to the works [23.2.2]

2.2.11 Rectification of defects [21.2]

2.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion

2.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums

2.2.14 Appointment of a subcontractor [14.0; 15.0]

2.2.15 Work by direct contractors [16.0]

2.2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]

3. Civil and structural engineer

3.1 Duties [6.2] :

The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works

3.2 Contract instructions [6.2; 17.1] :

3.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

3.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works

3.2.3 The site [13.0]

3.2.4 Compliance with the law, regulations and bylaws [2.1]

3.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works

3.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

3.2.7 Removal or re-execution of work

3.2.8 Removal or substitution of any materials and goods

3.2.9 Protection of the works

3.2.10 Making good physical loss and repairing damage to the works [23.2.2]

3.2.11 Rectification of defects [21.2]

3.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion

3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums

4. Mechanical engineer

4.1 Duties [6.2] :

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the works ? and, where appointed by the employer for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions

4.2 Contract instructions [6.2; 17.1] :

4.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement

4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works

4.2.3 Compliance with the law, regulations and bylaws [2.1]

4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works

4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

4.2.6 Removal or re-execution of work

4.2.7 Removal or substitution of any materials and goods

4.2.8 Protection of the works

4.2.9 Making good physical loss and repairing damage to the works [23.2.2]

4.2.10 Rectification of defects [21.2]

4.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

4.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums

5. Electrical/Electronics engineer

5.1 Duties [6.2] :

The electrical engineer is responsible for all aspects of electrical and electronics engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical and electronics installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions

5.2 Contract instructions [6.2; 17.1] :

5.2.1 Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement

5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works

5.2.3 Compliance with the law, regulations and bylaws [2.1]

5.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works

5.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]

5.2.6 Removal or re-execution of work

5.2.7 Removal or substitution of any materials and goods

5.2.8 Protection of the works

5.2.9 Making good physical loss and repairing damage to the works [23.2.2]

5.2.10 Rectification of defects [21.2]

Carried to Collection

Section 1
Bill No. 1
Preliminaries

R

5.2.11 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion, a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion

5.2.12 Expenditure of budgetary allowances, prime cost amounts and provisional sums

6. Health and safety consultant

(Appointed through the contract - refer to Provisional Sums)

6.1 Duties [6.2] :

The health and safety consultant is responsible for all aspects of health and safety of the works. Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works. He shall:

6.1.1 Act as the employer's agent in terms of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended

6.1.2 Prepare and update the health and safety specification for the works

6.1.3 Agree with the contractor the health and safety plan for the works

6.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations

6.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to

7 Clause 7.0 - Design responsibility

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

Item

8 Clause 8.0 - Insurances and securities (A8-A11)

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

9	Clause 9.0 - Indemnities F:..... V:..... T:.....	Item		
10	Clause 10.0 - Insurances F:..... V:..... T:..... Clause 10.1.1 - Contracts Works Insurance 'the contractor shall be responsible for effecting and maintaining the contract works insurance for the full duration of the contract period. The insured amount for the full scope of works shall be 120% of the contract amount Clause 10.1.2 - Supplementary Insurance Clause 10.1.3 - Public Liability Insurance Clause 10.1.4 - Removal of Lateral Support Insurance Clause 10.1.5 - Other Insurances	Item		
11	Clause 11.0 - Securities F:..... V:..... T:..... Clause 11.1 - Guarantee for construction The contractor shall not provide to the employer a guarantee for construction within fifteen (15) working days of acceptance of the contractor's tender. Clause 11.5 - Guarantee for payment The employer shall not provide to the contractor a guarantee for payment. The contractor shall waive his lien or right of continuing possession of the works [11.10] <u>Extension of waiver of lien</u> 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 [11.10]	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

12	Clause 12.0 - Execution (A12 - A17) F:..... V:..... T:..... Clause 12.0 - Obligations of the parties <u>Office accommodation</u> 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] <u>Notice board</u> 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 [12.2.18] <u>Statutory and other notices</u> 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	Item		
13	Clause 13.0 - Setting out F:..... V:..... T:.....	Item		
14	Clause 14.0 - Nominated subcontractors F:..... V:..... T:.....	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

15	Clause 15.0 - Selected subcontractors F:..... V:..... T:.....	Item		
16	Clause 16.0 - Direct contractors F:..... V:..... T:..... 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]	Item		
17	Clause 17.0 - Contract instructions F:..... V:..... T:..... <u>Site instructions</u> 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 Completion (A18 - A24)	Item		
18	Clause 18.0 - Interim completion N/A	Item		
19	Clause 19.0 - Practical completion F:..... V:..... T:.....	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

20	Clause 20.0 - Completion in sections F:..... V:..... T:.....	Item		
21	Clause 21.0 - Defects liability period and final completion A 2.5% retention shall apply. The maintenance period shall be 12 months F:..... V:..... T:.....	Item		
22	Clause 22.0 - Latent defects liability period F:..... V:..... T:.....	Item		
23	Clause 23.0 - Revision of the date for practical completion F:..... V:..... T:..... <u>Adverse weather conditions</u> The contract duration includes a monthly allowance of 3 working days for adverse weather conditions [23.1.1] during which rainfall exceeds 10mm per day. These days shall be reflected on the critical path of the construction programme. Where the programmed delays for adverse weather conditions exceed the actual delays incurred the date for practical completion will not be adjusted. Where the actual delays incurred for adverse weather conditions exceed the programmed delays and such delays have impacted on the critical path of the construction programme, the date for practical completion will be adjusted should the requirements of Clause 23.0 be satisfied <u>Substitution of materials, goods and or workmanship</u> The removal or substitution of any materials, goods and/or workmanship 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 [17.1.8; 23.1 & 2]	Item		
24	Clause 24.0 - Penalty for late or non-completion F:..... V:..... T:.....	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

	Payment (A25 - A27)			
25	Clause 25.0 - Payment			
	F:..... V:..... T:.....	Item		
	<u>Prices submitted</u>			
	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			
	Clause 25 amended to read 'The employer shall pay to the contractor the amount certified in interim payment certificate within thirty (30) calendar days of the date of issue of the payment certificate or the contractors tax invoice whichever is the later date'			
	Materials and goods stored off site shall not be included in the amount authorised for payment unless the requirements for an Advanced Payment Guarantee are met			
26	Clause 26.0 - Adjustment of the contract value and final account			
	F:..... V:..... T:.....	Item		
	<u>Fluctuations in costs</u>			
	All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [26.9.5]			
	<u>Tenant installation/user requirements delayed</u>			
	There is a possibility that certain works related to tenant installation/user requirements may have to be delayed and may consequently not be executed prior to practical completion			
	Section 1 Bill No. 1 Preliminaries		R	

Carried to Collection

Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works

The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be considered

The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission

Cost of claims

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 [30.6 & 7] from making a determination on costs

Claims from subcontractors

The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]

27 Clause 27.0 - Recovery of expense and/or loss

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

Item

Suspension and termination (A28 - A29)

28 Clause 28.0 - Suspension by the contractor

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

29	Clause 29.0 - Termination F:..... V:..... T:..... Dispute resolution (A30)	Item		
30	Clause 30.0 - Dispute resolution F:..... V:..... T:..... <u>Agreement</u>	Item		
31	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:..... <u>Contract data</u> Tenderer's selections	Item		
32	Before submission of his tender the contractor is to complete the tenderer's selections in the contract data F:..... V:..... T:..... <u>SECTION B - GENERAL PRELIMINARIES</u> <u>Definitions and interpretation (B1)</u>	Item		
33	Clause 1.1 - Definitions F:..... V:..... T:.....	Item		
34	Clause 1.2 - Interpretation F:..... V:..... T:..... <u>Documents (B2)</u>	Item		
35	Clause 2.1 - Checking of documents F:..... V:..... T:..... Clause 2.2 - Provisional bills of quantities	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

<u>Multiple procurement</u>				
36	These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and provisional sums F:..... V:..... T:.....	Item		
37	Clause 2.3 - Availability of construction information F:..... V:..... T:.....	Item		
38	Clause 2.4 - Ordering of materials and goods F:..... V:..... T:.....	Item		
<u>Previous work and adjoining properties (B3)</u>				
39	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item		
40	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item		
41	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item		
<u>The site (B4)</u>				
42	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item		
43	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....	Item		
44	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

<u>Clause 4.4 - Encroachments</u>				
45	The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments F:..... V:..... T:.....	Item		
46	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....	Item		
47	Clause 4.6 - Services - known F:..... V:..... T:.....	Item		
<u>Management of contract (B5)</u>				
48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item		
49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item		
50	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item		
<u>Samples, shop drawings and manufacturer's instructions (B6)</u>				
51	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item		
52	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item		
53	Clause 6.3 - Shop drawings and As-Built Drawings F:..... V:..... T:.....	Item		
Carried to Collection				
Section 1 Bill No. 1 Preliminaries			R	

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:..... <u>Deposits and fees (B7)</u>	Item		
55	Clause 7.1 - Deposits and fees F:..... V:..... T:..... <u>Temporary services (B8)</u>	Item		
56	Clause 8.1 - Water F:..... V:..... T:.....	Item		
57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item		
58	Clause 8.3 - Ablution and welfare facilities in compliance to the provisions of the Construction Regulations 2014 issued in terms of the Occupational Health and Safety Act, 1993 as amended: Section (30): Sub-section (1)(a) - Shower facilities after consultation with the employees or the employees representatives, or at least one shower facility for every 15 persons; Sub-section (1)(b) - at least one sanitary facility for each sex and for every 30 workers; Sub-section (1)(c) - changing facilities for each sex and Sub-section (1)(d) - sheltered eating areas F:..... V:..... T:.....	Item		
59	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item		
60	Storage facilities F:..... V:..... T:..... <u>Prime cost amounts (B9)</u> Clause 9.1 - Responsibility for prime cost amounts	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

Attendance on subcontractors (B10)

Clause 10.1 - General attendance

User note

61	General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement
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F:..... V:..... T:.....

Item

Clause 10.2 - Special attendance

General (B11)

62 | Clause 11.1 - Protection of the works

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

Item

63	Clause 11.2 - Protection/isolation of existing works and works occupied in sections
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F:..... V:..... T:.....

Item

Clause 11.3 - Security of the works

The contractor shall be briefed on the restrictions of movement, servitudes, access control, buildings in use, security requirements and security clearances, working hours due to the right being occupied and under the employers control at all times. The contractor shall not extend his operations into any restricted or undefined areas.

Work shall be carried out during normal working hours. Any extended times or approval or overtime work shall be considered and approved by the PA.

The contractor shall comply with the employers rules for the control of delivery of materials and goods into the site and for the removal of such items from the site.

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

64 The Contractor will be responsible for ensuring the security and protection of all material, hand tools, power tools, plant, equipment, machinery, etc stored on the site. The Contractor will be required to make arrangements with the Employer, through the Principal Agent, for the use of and reimbursement for the security measures currently in force and operational on the site

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

Item

65 Clause 11.4 - Notice before covering work

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

Item

Clause 11.5 - Disturbance

Disturbance

66 All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever

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

Item

Clause 11.6 - Environmental disturbance

Controlling all forms of pollution

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 light, wind-blown sand, dust, deposits of mud, etc

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

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

67 Clause 11.7 - Works cleaning and clearing
F:..... V:..... T:.....

Item

68 Clause 11.8 - Vermin
F:..... V:..... T:.....

Item

69 Clause 11.9 - Overhand work
F:..... V:..... T:.....

Item

70 Clause 11.10 - Tenant installations
F:..... V:..... T:.....

Item

71 Clause 11.11 - Advertising
F:..... V:..... T:.....

Item

SECTION C - SPECIFIC PRELIMINARIES

72 Site instructions

Instructions issued on site are to be recorded in triplicate
in a site instruction book which is to be maintained on
site by the contractor

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

73 **Warranties for material and workmanship**

Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor

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

Item

74 **Co-operation of contractor for cost management**

It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

75 **Propping of floors below**

The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor

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

Item

76 **Agreement: Code of conduct for Contrators**

The Contractor must comply with the agreement: Code of Conduct for Contrators, as per IDT requirements

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

Item

77 **Rules and Regulations**

The Contractor must comply with the Rules and Regulations (as per IDT requirements)

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

Item

78 **LOCAL LABOUR**

It is a general requirement of this contract that persons normally resident in the locality of the works (local labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate labour not be available within the locality, other may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local labour. The Contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilization of local labour in the construction process. In this regard, the Contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The Contractor shall, in general, maximize the involvement of the local community.

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

Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

79	<u>LABOUR RECORD</u> At the end of each week the contractor shall provide the principal agent with written record, in schedule form, reflecting the number and description of tradesmen and labours employed by him and all subcontractors on each day. F:..... V:..... T:.....	Item		
80	<u>C13 HIV/AIDS Awareness</u> It is required of the contractor to thoroughly study the HIV/AIDS Specification (HIV 1 to HIV 4) of the Department of Public Works, which must be read together with and is deemed to be incorporated under this section of the Bills of Quantities. Provision for pricing of HIV/AIDS awareness is made under C13.1 to C13.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the F:..... V:..... T:.....	Item		
81	C13.1 Awareness Champion Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification. F..... V..... T.....	Item		
82	C13.3 Posters, Booklets, Videos, etc. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the F..... V..... T.....	Item		
Carried to Collection			R	
Section 1 Bill No. 1 Preliminaries				

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

83 C13.4 Access to condoms

Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenish male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification.

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

Item

84 C13.5 Monitoring

Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period, all in accordance with the HIV/AIDS Specification.

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

Item

85 C14 Occupational Health and Safety Act No. 85 of 1993

Bidders are to allow for costs in providing a "Construction Phase Safety, Health and Environmental Plan". Bidders are further reminded that it is their responsibility to amend their safety plan if the assessed risk of the work changes in the slightest manner.

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

N/A

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

COMMUNITY LIAISON OFFICER (CLO)

It is a requirement of this Contract that a Community Liaison officer (CLO) be appointed for the area represented by the Tender. The function of the CLO shall be to represent the local community in matters concerning the use of local labour on the works and to assist with and facilitate communication between the Contractor, the Principal Agent and the local communities. The period of appointment of the CLO shall be as stated in the Contract for Temporary Employment as a Community Liaison officer referred to below. It must be noted that the date of commencement of temporary employment of the CLO shall be no later than the date of commencement of the Contract. The identification of the approved CLO to be appointed by the Contractor under the Contract shall be resolved by the Contractor, the particular Ward Councillors in collaboration with the Local Communities and reported to Principal Agent.

It will be required, therefore, that the successful Tenderer (i.e. the Contractor) enter into a contract for the employment of the above-mentioned CLO.

The contract will be between the Contractor and the CLO, all costs involved shall be borne by the Contractor and the tender shall be deemed to include for this.

SUMMARY OF CATEGORIES

86	SUB - TOTAL: FIXED ITEMS	Item
87	SUB - TOTAL: VALUE - RELATED ITEMS	Item
88	SUB - TOTAL: TIME - RELATED ITEMS	Item

Carried to Collection

R

Section 1
Bill No. 1
Preliminaries

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

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

If any ambiguity or discrepancy in any of the documents forming part of the contract is found, then the contract data and or amendments within the special conditions of contract and herein shall prevail in cases of conflict between any of the documents

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement

Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries

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

PRICING OF PRELIMINARIES

Contractors are required to price all individual items in the preliminary and general section of the bill of quantities and should not lump the items into a single sum or amount. This fully priced schedule must be included as part of the priced bill of quantities returnable with tender submission

Carried to Collection

Section 1
Bill No. 2
Health and Safety

R

In the event that the contractor, due to causes of his own making, fails to achieve the targets set out in his construction programme and his performance is not in accordance with the contract, payment of the time related p&g will be paid in proportion to the value of the monthly progress payment and not in accordance with the projected cash flow for this item. The principal agent shall review the status quo and revert to paying the contractor in accordance with the contract once the contractor has demonstrated improvement of their performance and the principal agent is satisfied that the contractor is performing diligently.

Similarly the full amount of the fixed portion of the p&g will be paid only once the successful contractor has fully complied with deliverables under this section

Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

BUILDING AGREEMENT AND PRELIMINARIES

The JBCC Principal Building Agreement (Edition 5.0 - July 2007) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

The JBCC Principal Building Agreement contract data form an integral part of this agreement

The JBCC General Preliminaries (July 2007) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 5.0 - July 2007) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described

The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause

The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only

Carried to Collection

Section 1
Bill No. 2
Health and Safety

R

Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"

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 abovementioned documents

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

Failure, by the Tenderer, to price the items indicated below individually or per item will result in the Tender being deemed non-responsive. The legal requirements contemplated in the Construction Regulations (CR) 5(1)(g):

"A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures" and CR 5(1)(h)

"A client must ensure that principal contractor to be appointed has the necessary competencies and resources to carry out the construction work safely"

Carried to Collection

Section 1
Bill No. 2
Health and Safety

R

Shall apply and will be used to motivate the disqualification of the Tender. The contractor's attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 1993: This Act not affected by agreements

Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be.

Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications

After pricing of the health and safety bill of quantities, the Contractor must sign the Certificate of Acquaintance as evidence that he has agreed to the contents, obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health & Safety specifications. Failure, by the Tenderer, to sign the Certificate of Acquaintance may result in the Tender being deemed non-responsive

Health and safety

- 1 Notify the provincial director in writing of the commencement of construction work with and including submission of a letter of receipt and acknowledgement of the aforementioned notice by the director of his/her representative

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

Item

- 2 Allow for the necessary Workman's Compensation Fund or FEM contributions for the duration of the project with and including renewals

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

Item

Carried to Collection

R

Section 1
Bill No. 2
Health and Safety

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

3	Allow for the preparation and approval of project-specific H&S Plan & File [CR 7(1)(a)] F:..... V:.....T:.....		Item		
4	Allow for the implementation and maintenance of project-specific H&S Plan & File. [CR 7] (Unit refers to number of months) F:..... V:.....T:.....	No			
5	Allow for the appointment of a Full-Time Registered with SACPCMP Competent Construction Health & Safety Officer to assist in the control of all health and safety related aspects on site as per [CR 8(5)] (Unit refers to number of months) F:..... V:.....T:.....	No			
6	Allow for provision of laptop, printer and telecommunication facilities for the appointed Construction Health & Safety Officer (Unit refers to number of months) F:..... V:.....T:.....	No			
7	Allow for provision of Basic Emergency Preparedness and Response equipment & at least Level 2 First Aider/s (Unit refers to number of months) F:..... V:.....T:..... <u>Provide, supply and maintenance for each worker the following SANS approved personal protective equipment & clothing as per the site-specific risk assessments:</u>	No			
8	Hard Hats (High Density polyethylene, & 6-point lining) F:..... V:.....T:.....		Item		
9	Overall/work suit (100% Cotton) F:..... V:.....T:.....		Item		
Carried to Collection				R	
Section 1 Bill No. 2 Health and Safety					

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

10	Safety boots/shoes (Steel-Toe) F:..... V:.....T:.....	Item
11	Safety gloves F:..... V:.....T:.....	Item
12	Ear Plugs/Muffs F:..... V:.....T:.....	Item
13	Dust Mask (at least FF2 type) F:..... V:.....T:.....	Item
14	Respirators F:..... V:.....T:.....	Item
15	Safety goggles F:..... V:.....T:.....	Item
16	Personal Fall arrest and rescue equipment with and including life lines and associated equipment F:..... V:.....T:.....	Item
17	High visibility reflective vests and/or bibs F:..... V:.....T:.....	Item
18	Temporary handrails, toe boards, edge protection other than for access scaffolding F:..... V:.....T:.....	Item
19	Temporary warning signs and symbols F:..... V:.....T:.....	Item
20	SANS approved safety netting (orange color with minimum of 1,2 meters high) F:..... V:.....T:.....	Item

Carried to Collection

Section 1
Bill No. 2
Health and Safety

R

21	Provision for the supply and maintenance of Road Traffic Signs as in terms of the South African Road Traffic Signs Manual complete F:..... V:.....T:.....	Item	
22	Allow for Pre-employment medical examinations F:..... V:.....T:.....	Item	
23	Allow for exit medical examinations F:..... V:.....T:.....	Item	
<u>Health and Safety Education</u>			
24	Allow for HIV/AIDS awareness and Implementation programs, including STI and TB as well as HIV/AIDS Co-ordinator. (unit refers to number of months) F:..... V:.....T:.....	Item	
25	Allow for all compulsory health and safety awareness program (e.g. Inductions, toolbox Talks, Safety Promotions, H&S related training, etc.) (unit refers to number of months) F:..... V:.....T:.....	Item	
26	Allow for all health & safety training (e.g. H&S representative, working at heights, fall protection planner, first aider level 2, scaffolding inspector, erector, supervisor, temporary works erector, construction plant operators etc.) F:..... V:.....T:.....	Item	
<u>Environmental</u>			
27	Provide for adequate handling and storage of materials so as to minimize contamination of ground, air or water. F:..... V:.....T:.....	Item	
Carried to Collection			R
Section 1 Bill No. 2 Health and Safety			

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

28	Provide for the adequate and safe collection and disposal of general and hazardous waste materials from site by an approved method. F:..... V:.....T:.....	Item		
29	Provide Facilities and Eating Area for workers. F:..... V:.....T:.....	Item		
30	Provide for rehabilitation on completion of site areas and temporary access routes not covered by construction or landscaping specifications. F:..... V:.....T:.....	Item		
31	Provide for environmental management of stockpiling topsoil for re-use F:..... V:.....T:.....	Item		
32	Provide for a Responsible person to prepare and update Method Statements, conduct regular inspections, maintain records, and report to the Principal Agent. (Unit refers to number of months) F:..... V:.....T:.....	No		
33	Allow provision for Health and safety plans and approval thereof by Safety Agent	No		
34	Allow for Health & Safety Training for SMME Contractors as per OHS Act (Safety Representative, First aid, Fire Fighting , Working at heights etc)	Item		
Carried to Collection			R	
Section 1 Bill No. 2 Health and Safety				

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
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[illegible]

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

Item No	Quantity	Rate	Amount
<u>SECTION 2</u>			
<u>BILL No. 1 : ALTERATIONS</u>			
<u>MODEL PREAMBLES</u>			
The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Damage to existing finishes</u>			
The Contractor will be held responsible for all damage however caused to existing finishes and fittings, etc. and he must make good all damage at his own expense to the approval of the Principal Agent.			
Breaking down, demolition and alteration activities and tasks, hacking off of exitsing plaster, etc. is to be executed with care so as to prevent damage to remaining floor and wall surfaces and finishes (where these are to be retained). Tenders will be deemed to include allowance for any necessary protection of exitsing surfaces and structures as may be necessary to effect the above, as the cost of repairing damage to existing surfaces and structures will be solely for the Contractors account			
Carried to Collection			R
Section 2 Bill No. 1 Alterations (Provisional)			

Responsibility for site

The Contractor is to note that upon possession of the site by himself, and extending until practical completion is achieved, he is solely responsible for the site, site security, general upkeep and cleaning of the site and all other responsibilities in maintaining a construction site in conformance with but not limited to, the Construction Regulations 2014, all local by-laws, all user client regulations, and all Client regulations and procedures. Tenderers are therefore urged to study all available material and to investigate the site fully and areas contiguous to the site, in order to determine the range and extent of responsibility. No additional monetary and/or time claims will be entertained in respect of the above

Explosives

No explosives whatsoever may be used for demolition purposes unless otherwise stated

General

The Contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum amount of disturbance to adjoining classroom blocks and their students. He shall provide proper protection of the works 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

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

Carried to Collection

R

Section 2
Bill No. 1
Alterations (Provisional)

Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and re-hanging, 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

"Taking out and removing doors, windows, etc"

implies that the door, etc is to be carefully taken down together with the frame, linings, architraves, window sills, etc complete and where brick lintels occur, it must be supported and propped until the openings are built up or new doors or windows built in position

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

"Forming openings" for doors or windows, etc implies that the plaster or any other covering is to be hacked off and an opening formed sufficient in size to receive the building in of the frame and cramps, and the forming of new dampproof courses, lintels, sills, etc. After building in of the new frame, the opening is to be built against the frame, plaster or faced brickwork to be made good both sides and reveals and floor screeds prepared for finishings to match existing

"Making good" implies that all necessary repairs are to be made to reinstate articles that may be damaged through the removal or otherwise, and the supplying of any new materials to match existing work, and is to include any necessary repairs to adjacent finishings such as floors, skirtings, plaster, painting, etc and such making good is to match adjoining work in all respects and in all trades

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)

Carried to Collection

Section 2
Bill No. 1
Alterations (Provisional)

R

The Contractor to acknowledge that sequencing of the work will be necessary to accommodate the operational aspects of the school. The Contractor to accordingly factor the above requirement in the construction programme and pricing

"Breaking down and removing" walls, etc implies that the wall is to be taken down to the extent shown on the drawings or as may be described and that all necessary shoring is to be provided and allowed for to ensure the safety of the building during the pulling down or until new walls are erected and all portions of the remaining walls where disturbed or affected by the removal are to be made good and left ready for plaster or other finishings as described

Where removal is included in the heading, sub-heading or item description, prices shall be deemed to include for the necessary costs of removal and appropriate disposal of materials including but not limited to labour, transportation and disposal costs. No further claims in this regard will be entertained

"Building up openings" implies that after the removal of any doors, windows or screens that may be described to be taken down, the opening is to be filled up solid (or to the thickness as shown) with new brickwork and is to include all necessary cutting away to form toothings to thoroughly bond to the new work and new finishes to both sides as described.

Carried to Collection

Section 2
Bill No. 1
Alterations (Provisional)

R

TEMPORARY BARRIERS, SCREENS, ETC

Temporary barriers, screens, etc including removal upon completion

1	SANS approved weld mesh type temporary barrier fencing 1,8m high fixed to and including 100mm diameter gum poles set securely min 300mm deep in ground at maximum 3m spacing including excavation, backfilling, etc	m	440		
2	Extra over mesh fence for pedestrian gate size 0,9 x 1,8m high.	No	1		
3	Extra over mesh fence for Vehicular gate size 5.0 x 1,8m high.	No	1		

REMOVAL OF EXISTING WORK

Taking out and removing

4	Carefully take out existing brick pavers and set aside for re-use.	m2	73		
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Breaking up and removing reinforced concrete

5	100 - 200mm thick surface beds (<i>existing concrete walkway</i>).	m2	12		
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Carried to Collection

R

Section 2
Bill No. 1
Alterations (Provisional)

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

Dewatering of excavations:

The Contractor shall allow for removing seepage and other water from subterranean sources from the excavations by pumping, baling or otherwise. Accurate records of all such dewatering shall be kept to determine the total volume of water so removed and a clear distinction shall be made between water from subterranean sources and other water

Imported fill:

"Filling and bedding to trenches etc. to be in compliance with SABS 1200 DB and LB respectively"

EXCAVATION OTHER THAN BULK

Topsoil removal

- | | | | |
|---|--|----|----|
| 1 | Stripping average 100mm thick layer of top soil and depositing material in prescribed stock piles on site. | m2 | 82 |
|---|--|----|----|

Excavation in earth not exceeding 2m deep:

- | | | | |
|---|----------|----|----|
| 2 | Trenches | m3 | 36 |
| 3 | Holes. | m3 | 5 |

Extra over excavation in:

- | | | | |
|---|------------|----|---|
| 4 | Soft rock. | m3 | 8 |
| 5 | Hard rock. | m3 | 4 |

Extra over all excavations for carting away:

- | | | | |
|---|---|----|----|
| 6 | Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor. | m3 | 41 |
|---|---|----|----|

Risk of collapse of excavations:

- | | | | |
|---|---|----|-----|
| 7 | Sides of trench and hole excavations not exceeding 1,5m deep. | m2 | 121 |
|---|---|----|-----|

Carried to Collection

R

Section 2
Bill No. 2
Earthworks (Provisional)

<u>Keeping excavations free of water:</u>					
8	Keeping excavations free from mud and all water including subterranean sources.		Item		
<u>EARTH FILLING, ETC.</u>					
<u>Earth filling obtained from the excavations and / or prescribed stock piles on site compacted to 93% Mod. AASHTO density:</u>					
9	Backfilling to trenches, holes, etc.	m3	19		
<u>Earth filling (G7 material) supplied by the contractor compacted to 95% Mod AASHTO density:</u>					
10	Under floors, trenches, holes, etc.	m3	5		
<u>Earth filling (G5 material) supplied by the contractor compacted to 93% Mod AASHTO density:</u>					
11	Under floors, trenches, holes, etc.	m3	9		
<u>Prescribed density tests on filling:</u>					
12	Allow for compaction tests by an approved laboratory to determine density of filling material.	No	5		
<u>SOIL POISONING</u>					
<u>Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years:</u>					
13	To bottoms and sides of trenches, holes, etc.	m2	131		
Carried to Collection				R	
Section 2					
Bill No. 2					
Earthworks (Provisional)					

[illegible]

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.

Formwork to soffits of solid slabs etc., shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

Formwork to sides of bases, pile caps, ground beams, etc., will only be measured where it is prescribed by the Engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in Earthworks.

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

15Mpa/19mm Concrete

1	Surface blinding under footings and bases.	m3	3	
---	--	----	---	--

REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

30MPa/19mm concrete

2	Strip footings.	m3	10	
---	-----------------	----	----	--

3	Bases.	m3	1	
---	--------	----	---	--

REINFORCED CONCRETE CAST ON/IN FORMWORK

30MPa/19mm concrete

4	Ground beams.	m3	7	
---	---------------	----	---	--

5	Cavity walls.	m3	5	
---	---------------	----	---	--

Carried to Collection

R

Section 2
Bill No. 3
Concrete, Formwork and Reinforcement

6	Columns in foundations (Provisional).	m3	0.3
<u>TEST BLOCKS</u>			
7	Making and testing set of three 150x150x150mm concrete strength test cubes (Provisional).	No	10
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>			
<u>Rough formwork to sides of:</u>			
8	Foundation beams.	m2	49
9	Stub columns in foundations (Provisional).	m2	3
<u>MOVEMENT JOINTS ETC</u>			
<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>			
10	10mm Joints not exceeding 300mm high (Provisional).	m	132
<u>REINFORCEMENT (PROVISIONAL)</u>			
<u>High tensile steel reinforcement to structural concrete work</u>			
11	Reinforcement bars to structural concrete work.	t	6.21

Carried to Collection

Section 2
Bill No. 3
Concrete, Formwork and Reinforcement

R

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

Samples, etc:

Rates for brickwork, faced brickwork, etc shall include for all required samples.

Concrete masonry units:

Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7 MPa

Wall ties for blockwork:

Wall ties shall be polypropylene "Permaties" complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other

Blockwork:

Blockwork shall comply with SABS 0145 "Concrete Masonry Construction"

Surfaces shall have joints raked out to a depth of at least 10mm and pointed on exposed surfaces. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole.

Standard complementary blocks:

Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary

Carried to Collection

R

Section 2
Bill No. 4
Masonry

BRICKWORK IN SUPERSTRUCTURE

Brickwork of NFP bricks (7 MPa nominal compressive strength) in Class II mortar:

1	One brick walls.	m2	60
2	270mm thick cavity brick Walls made of two leafs of 110mm wall with 50mm concrete infill in between (concrete elsewhere measured).	m2	102

BRICKWORK AND BLOCKWORK SUNDRIES

Bagging and sealing the outer face of the inner skin of walls with 1:3 cement and sand mixture and seal with two coats "Brixal" bitumen emulsion waterproofing coating:

3	To walls (Provisional).	m2	20
---	-------------------------	----	----

Brickwork reinforcement:

4	150mm Wide reinforcement built in horizontally.	m	188
5	75mm Wide reinforcement built in horizontally.	m	521

Pre stressed fabricated concrete lintels including necessary temporary supports

6	110 x 75mm Lintels in lengths not exceeding 3m.	m	7
---	---	---	---

Galvanized hoop iron cramps, ties, etc

7	20 x 1,6mm steel wall ties 500m long with one end punched with hilti gun into steel column and other end fixed to brick wall at every 4 course (Provisional).	No	118
---	---	----	-----

Turning pieces:

8	200mm Wide turning piece to lintels etc.	m	14
---	--	---	----

Carried to Collection

Section 2
Bill No. 4
Masonry

R

FACE BRICKWORK

"Corobrik Artisanal Vanilla FBX" or equal approved clay face brick, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2:

9	Extra over brickwork for face brickwork externally.	m2	20
10	One brickwall faced and pointed both sides.	m2	12
<u>Brick-on-edge header course copings, sills, etc, of "Corobrik Artisanal Vanilla FBX" or equal Architect approved clay face brick size 222 x 106 x 73mm, pointed with recessed joints on all exposed faces:</u>			
11	230mm wide header course to top of one brick wall bedded and jointed in cement mortar and pointed on top and both sides as described.	m	12

Carried to Collection

R

Section 2
Bill No. 4
Masonry

Section 2

Bill No. 4

Masonry

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

59

60

61

62

Carried Forward to Summary of Section No. 2

R

Section 2

Bill No. 4

Masonry

Polyurethane sealant flexothane 1 by ABE or equal approved including backing cord, bond breaker, primer, etc

3 10 x 12mm In expansion joints in floors or walls including raking out expansion joint filler as necessary (Provisional).

m

132

Carried to Collection

R

Section 2
Bill No. 5
Waterproofing

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

PROFILED METAL SHEETING AND ACCESSORIES

0.50mm Seamless Safintra Newlok™ or equal approved profile roll-formed in continuous galvanized steel Colourplus Z150 (Heavy Industrial) complying with ISQ 550 (3T) (A653), fixed to steel internal purlins at 1600mm and steel ridge/ eaves purlins at 1400mm using clips and class 3 fasteners, all complete in strict accordance with manufacturer's specifications.

1	Roof coverings with pitches not exceeding 25 degrees.	m2	143
2	Side cladding.	m2	20
3	Raking side wall flashing 450mm girth.	m	15

ROOF INSULATION

Reflective foil insulation or equal approved 420 Heavy industrial grade reinforced aluminium foil insulation double sided, heavy grammage reflective foil laminate incorporating eight layers of aluminium foil, reinforcing scrim, Kraft paper and polyethylene, tested for conformance with SABS 1381: Part IV- 1985, with a Class 1 fire rating in accordance with SABS 0177: part III - 1981 and BS 476 part 5, 6 and 7, secured to each truss/rafter with 38mm x 3,2mm x 1100mm hardboard counter batten strips positioned flush with the bottom edge of the material thus leaving 150mm overlap exposed at the top for the next layer and 150mm overlap thereafter on each 1250mm width roll. All to be fixed in accordance with manufactures specification

4	Sisalation FR405 Classification"A" double sides reflective foil laminate insulation laid under sheeting.	m2	143
5	<u>50mm thick Lambdaboard or equal approved Polyisocyanurate (PIR) insulation board fixed over purlins with patented GMS insulation clips</u> Insulation board in continuous lengths butt jointed and fixed over purlins below roof sheeting.	m2	105

Carried to Collection

R

Section 2
Bill No. 6
Roof Coverings Etc.

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

SUSPENDED CEILINGS

600 x 600 x 25mm OWA or equal approved absorbable mineral wool ceiling tiles, NRC - 0.70, CAC - 33dB, Fire classification A2-s1, d0, weight - 4.5 kg/m², with Square-edge and white painted finish, laid on exposed demountable suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm, and all installed to manufacturer's instructions and NBR Standards. ceilings system and installation to comply with SANS standards. latest fire certificates as per sans 428 and sans10400 part t to be supplied by contractor -no older than 3 years. tested as per sans 10177. detailed layout and specification as per ceiling plan.

- | | | | |
|---|---|----|-----|
| 1 | Ceilings suspended not exceeding 1m below concrete soffits. | m2 | 105 |
|---|---|----|-----|

CEILING TIMBERS, BEADS, INSULATION, ETC

W-trim shadowline plugged and screwed at centres not exceeding 200mm to suspended ceilings

- | | | | |
|---|--|---|-----|
| 2 | Pre-painted pressed metal shadow line cornice. | m | 129 |
|---|--|---|-----|

100mm thick Aerolite or equal approved non-combustible light weight ceiling insulation 12kg/m³ closely fitted with ends butted firmly between tie beams and laid loose on top of brandering between roof timbers, all in accordance with manufacturer's recommendations.

• R-value: 2,50m² K/W

• Thermal conductivity: 0,04 W/m²/K

- | | | | |
|---|---|----|-----|
| 3 | 100mm Insulation laid between roof trusses and on top of brandering, etc. | m2 | 510 |
|---|---|----|-----|

Carried to Collection

R

Section 2
Bill No. 7
Ceilings, Partitions and Access Flooring

[illegible]

PHOTOLUMINESCENT SIGNS (PROVISIONAL)

**Wall mounted photoluminescent fire signs to
comply with SABS 1186 and SANS 1464-22 and to
be installed in accordance with SANS10400-T**

5	190 x 190mm framed with aluminium frame sign	No	15
6	380 x 190mm framed with aluminium frame sign.	No	12

Carried to Collection

R

Section 2
Bill No. 8
Ironmongery

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

<u>HOT DIP GALVANISED STEEL COLUMNS AND BEAMS</u>					
<u>Welded columns in single lengths with flat section base, top, bearer and connection plates bolted:</u>					
1	152x152x37 Universal steel columns.	t	1		
2	254x146x37 Universal steel columns.	t	1		
3	230x90mm PFC steel columns	t	0.2		
<u>Welded beams in single lengths with flat section bearer and connection plates bolted:</u>					
4	406x140x39 Universal Beams	t	1		
5	254x146x37 Universal Beams	t	0.4		
6	IPE 200	t	0.3		
7	203x203x52 Universal Beams	t	0.4		
<u>GALVANISED RAFTERS, PURLINS, GIRTS, BRACING, ETC.</u>					
<u>Tremer prefabricated steel frames, section, rafters, purlins bolted to steel:</u>					
8	40x40x5L angle sections welded to steel rafters.	t	1		
9	60x60x6L angle sections welded to steel rafters.	t	1		
10	80x80x6L angle sections welded to steel rafters.	t	0.1		
11	100x50x20x3.0 CFLC purlins.	t	2		
<u>BOLTS, FASTENERS, ETC</u>					
<u>Bolts, plates to columns, beams, etc.</u>					
12	M16 HD Bolts (Grade 4.8) Hot dipped Galvanised steel including fixing and connections	No	95		
13	M12 HD Bolts (Grade 4.8) Hot dipped Galvanised steel including fixing and connections.	No	60		
Carried to Collection					
Section 2					
Bill No. 9					
Structural Steelwork					

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

14	180x180x10mm MS Plate with 4no 14mm diameter holes for M16x50 nuts and bolts (elsewhere)	No	5
15	270x200x10mm MS Plate with 4no 14mm diameter holes for M12x50 nuts and bolts (elsewhere)	No	3
<u>PAINTING (PROVISIONAL)</u>			
<u>Apply Metalcare or equal approved galvanized iron cleaner (GIC 1) to all bare galvanised areas. Allow to react for one minute and rinse off with tap water using bristle brush or scotch brite pads to remove all surface contaminants until surface is water break-free. Prime with one coat metalcare galvanised iron primer (GIP 1 - with TVOC level of 25g/l) with an over coating time of 24 hours and finish with two coats metalcare WB enamel (WBE with TVOC level of <75g/l) with 4 hours drying time between coats.</u>			
16	On structural steel columns, beams, etc.	m2	114
17	On steel purlins, girts, etc.	m2	91

Carried to Collection

R

Section 2
Bill No. 9
Structural Steelwork

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION 2</u>			
	<u>BILL No. 10</u>			
	<u>PLASTERING</u>			
	<u>MODEL PREAMBLES</u>			
	The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Proprietary products in descriptions:</u>			
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork:</u>			
1	On walls.	m2	102	
				R
	Carried Forward to Summary of Section No. 2			
	Section 2			
	Bill No. 10			
	Plastering			

[illegible]

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

uPVC gutters and downpipes:

5	110mm diameter pipe encased in brickwork.	m	48
6	Extra over for outlet for 100mm pipe.	No	12
7	Extra over rainwater pipe for shoe.	No	4

FIRE APPLIANCES ETC.

8	4.5kg DCP [Dry Chemical Powder] 180 x 425mm extinguisher to comply with SANS 1910, installed at location as shown on plans, complete wall mounted hangers on 250 x 500 x 16mm Meranti hardwood board screwed to wall at 1200mm from floor to underside of board. Including signage 190x190mm SABS type FB2 plugged and skrewed above / next to door or above as indicated on site	No	8
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Carried to Collection

R

Section 2
Bill No. 11
Plumbing and Drainage (Provisional)

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

PAINTWORK TO PREVIOUSLY PAINTED SURFACES

ON METAL SURFACE

Carefully scrap old paint, remove loose materials, apply one coat Plascon or equal approved galvanised iron primer, one coat of universal undercoat followed by two coats of Gloss enamel paint or equal approved. Colour to architects approval.

- | | | | | |
|---|--|----|----|--|
| 1 | Grilles, burglar screens, balustrades, etc (both sides measured over the full flat area) | m2 | 91 | |
|---|--|----|----|--|

PAINTWORK ETC TO NEW WORK

ON FLOATED PLASTER

One coat Plascon Professional Evolution water based plaster primer (PP700 with TVOC level of 1g/l) with an over coating time of sixteen hours and apply two coats of professional superior low sheen acrylic (PEM 1000/TLS - with TVOC level of 1g/l) with one hour drying time between coats or equal approved all in accordance with manufacturer's recommendations:

- | | | | | |
|---|--------------------|----|-----|--|
| 2 | On internal walls. | m2 | 102 | |
|---|--------------------|----|-----|--|

ON FIBRE-CEMENT BOARD SURFACES

Prepare surface and remove all loose material, apply 1 x coat plaster primer, and 2 x topcoats white paint or equal approved. Colour to Architects Approval:

- | | | | | |
|---|------------------------|----|-----|--|
| 3 | Ceilings and cornices. | m2 | 105 | |
|---|------------------------|----|-----|--|

ON WOOD

One coat sanding sealer and two coats polyurethane matt varnish:

- | | | | | |
|---|--------------------------------------|---|----|--|
| 4 | Skirtings not exceeding 300mm girth. | m | 30 | |
|---|--------------------------------------|---|----|--|

Carried to Collection

R

Section 2
Bill No. 12
Paintwork

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ REV02**

[illegible]

<u>Compaction of surfaces:</u>					
4	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	129		
<u>Coarse river sand filling supplied by the contractor:</u>					
5	Under floors etc. (Provisional).	m3	64		
<u>Prescribed density tests on filling:</u>					
6	In-situ dry density test.	No	6		
<u>Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years:</u>					
7	Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming.	m2	129		
<u>One layer of 250 micron 'USB GREEN' waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape':</u>					
8	Under surface beds.	m2	129		
<u>PAVING</u>					
<u>Paving of 80mm Class 25 interlocking concrete blocks in herringbone pattern on and including 20mm thick sand bed with dry filler sand swept and vibrated into joints all laid on subgrade (elsewhere measured) conforming to SABS 1058:2006:</u>					
9	Paving to floors laid to falls, including necessary straight edge blocks.	m2	129		
10	Extra over ordinary paving for 200mm wide block-on-flat header course edging circular on plan on 100mm thick mortar bed including unreinforced concrete haunching along outside edge.	m	42		
Carried to Collection				R	
Section 3					
Bill No. 1					
Walkways etc.					

PRECAST - CONCRETE KERBS

Precast concrete kerbing (complying with SANS 927) in 1m lengths, wet presses, placed in position, bedded and jointed in (3:1) cement mortar and flush pointed on exposed faces, including 150 x 150 x 300mm 15MPa/19mm unreinforced concrete haunching at back of each joint, excavation, backfilling, ramming, etc.(Refer to drawing number C-5-01 attached):

11	Kerb Fig.8	m	44	
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	Carried to Collection	
Section 3		
Bill No. 1		
Walkways etc.		

R

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:

SABS 1200

L : Medium pressure pipelines

LD : Sewers

LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clause 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB: Earthworks (Pipe trenches) Clause 5.7.2 will only be applicable if authorised by the Engineer in writing.

Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB: Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding.

Descriptions of pipes laid in trenches:

Descriptions of pipes laid in trenches shall be deemed to include for carting away all surplus excavated material to a dumping site located by the contractor. Note minimum width of trench is 500mm on either side of pipe.

Descriptions of catchpits, junction boxes, manholes, etc:

Descriptions of catchpits, junction boxes, manholes, etc, shall be deemed to include for compaction, disposal of surplus excavated material to a dumping site located by the contractor, risk of collapse and keeping excavations free from water.

STORMWATER DRAINAGE

Class 50D concrete pipes:

1	375mm Diameter Concrete pipe laid in trenches not exceeding 1m deep including excavation, backfill, bedding, cart away and compaction.	m	15
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Carried to Collection

R

Section 3
Bill No. 2
Stormwater reticulation

SUB-SOIL DRAINAGE SYSTEM

160mm diameter Kaytech Flo-drain:

- | | | | |
|---|---|---|-----|
| 2 | Sub-soil drain comprising of selected granular fill encasing size 460 x 360mm high around 160mm diameter slotted Flo-drain perforated geopipe sub-soil drain pipe or other approved including Grade A1 or equal approved polyester non-woven filter fabric lapped a minimum of 150 longitudinally and 300 transversely and including trenches not exceeding 1.5m deep, backfilling to subsoil drain and carting way surplus material to spoil site located by the contractor. | m | 110 |
|---|---|---|-----|

Extra over uPVC class 34 pipes for fittings

- | | | | |
|---|--|----|---|
| 3 | 110x160x100mm double 45 Deg Y Junction | No | 8 |
|---|--|----|---|

Sundries

Earthworks

- | | | | |
|---|--|----|---|
| 4 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock material | m3 | 3 |
|---|--|----|---|

Connect subsoil drain to catchpit

- | | | | |
|---|--|----|---|
| 5 | Allow for connecting subsoil drain to catchpit or culvert headwall | No | 1 |
|---|--|----|---|

Carried to Collection

R

Section 3
Bill No. 2
Stormwater reticulation

CONCRETE STORMWATER CHANNELS

Excavation in earth not exceeding 2m deep:

6	Trenches	m3	37	
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Extra over all excavations for carting away:

7	Loading, carting and dumping surplus excavated material off site to a dumping site to be located by the Contractor.	m3	37	
---	---	----	----	--

Earth filling supplied by the contractor under pavings, etc:

8	Crusher base of G5 material in accordance with SABS 1200 DM, compacted to 98% Mod AASHTO density	m3	11	
---	--	----	----	--

Compaction of surfaces:

9	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	74	
---	---	----	----	--

30MPa/19mm reinforced concrete:

10	In-situ concrete water channels cast in panels	m3	19	
----	--	----	----	--

Finishing top surfaces of concrete smooth with a wood float:

11	Surface beds, slabs, etc	m2	158	
----	--------------------------	----	-----	--

Smooth Formwork to Sides:

12	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m2	105	
----	---	----	-----	--

Fabric reinforcement:

13	Type 193 fabric reinforcement in concrete surface beds etc	m2	158	
----	--	----	-----	--

Carried to Collection

Section 3
Bill No. 2
Stormwater reticulation

R

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

	<u>Gratings, covers, etc:</u>				
14	600x50x4.50kg Galvanized Mentis grating	m	105		
	<u>Two part grey polysulphide flexible joint sealant, including backing cord, bond breaker, primer, etc:</u>				
15	5 x 5mm In expansion joints in floors including raking out expansion joint filler as necessary	m	95		
	<u>1:3 Cement plaster screeds wood floated for on concrete:</u>				
16	Screeds to falls	m2	63		
	<u>Keeping excavations free of water:</u>				
17	Keeping excavations free of all water other than subterranean water		Item		
	<u>Municipal connection:</u>				
18	Allow for connecting to main storm water drainage system.		Item		
	<u>Testing:</u>				
19	Allow for providing all necessary equipment and testing of stormwater pipe system, making good any defects and retesting if required.		Item		
Carried to Collection				R	
Section 3					
Bill No. 2					
Stormwater reticulation					

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

<u>Maintenance Period:</u>					
7	Maintenance of grassed and ground covered areas for a period of 3 months (total area approximately 1620m2) including regularly weeding and irrigating as necessary.		Item		
<u>Litter Bins</u>					
<u>Precast bins or equal approved</u>					
8	Litter Bin size 550 x 550 x 1 000mm high with aggregate finish	No	3		
<u>PRECAST CONCRETE PAVING</u>					
<u>Paving of 300 x 300 x 50mm pre-cast concrete pavers, laid in stack bond on 25mm thick sand bed including preparation of ground or filling</u>					
9	Paving of slabs laid with butt joints, to falls	m2	40		
<u>BENCHES, TABLES, BINS, ETC</u>					
<u>Polished pre-cast concrete bench, table etc.</u>					
10	30Mpa Steel Reinforced concrete bench size 1800mm long x 450mm wide x 450mm high, with 20x20mm top edge chamfers all around, Smooth natural grey finish. Code - P3- 3663.	No	4		
Carried to Collection					
Section 3					
Bill No. 3					
Landscaping					

DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02

[illegible]

[illegible]

Item No		Quantity	Rate	Amount
<u>SECTION 4</u>				
<u>BILL No. 1: ELECTRICAL INSTALLATION</u>				
<u>PRELIMINARY AND GENERAL</u>				
1	A Preliminary and General item is provided to cover the Contractor's charges for compliance with the Conditions of Contract and this Specification, including the provision, maintenance and removal of his site establishment, etc.	Item		
<u>DISTRIBUTION BOARDS</u>				
<u>Supply, installation and commissioning of the Distribution Board, including marking off all wire connections (external wiring, conduit, armoured cable and terminations given elsewhere)</u>				
	DB-A			
2	Supply	No	1	
3	Install	No	1	
	50mm diameter rigid cable			
4	Supply	m	15	
5	Install	m	15	
<u>Excavations</u>				
6	Trenches for cables and sleeves.	m3	20	
7	Extra over excavations in intermediate.	m3	20	
8	Extra over excavations in hard rock.	m3	20	
<u>Backfiling</u>				
9	Backfilling in trenches.	m3	20	
Carried to Collection				R
Section 4				
Bill No. 1				
Electrical Installation (Provisional)				

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ REV02**

10	Side of trenches and hole excavations not exceeding 1.5m.	m3	20
	<u>Conduits</u>		
	25mm Conduit.		
11	Supply	m	50
12	Install	m	50
	<u>Conduit Boxes & Ends</u>		
	25mm Conduit.		
13	Supply	No	50
14	Install	No	50
	<u>Conduit Ends</u>		
	Terminate and connect one pair of conduit ends including lock nuts, bushes etc. connecting into board try, wiring channel etc. including cutting holes for conduit entries, but excluding conduit box.		
	25mm uPVC Conduit.		
15	Supply	No	10
16	Install	No	10
	<u>Conductors</u>		
	Supply and installation of PVC insulated copper conductors drawn into conduit or wiring channel in groups of 2, 3, 4 etc. with the required colour coding, but excluding any wiring connections.		
	25mm ² uPVC Conductors		
17	Supply	m	50
18	Install	m	50
	4mm ² uPVC Conductors		
Carried to Collection			
Section 4			
Bill No. 1			
Electrical Installation (Provisional)			

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ REV02**

19	Supply	m	20
20	Install	m	20
	10mm ² uPVC Conductors		
21	Supply	m	50
22	Install	m	50
	<u>Earth Conductors</u>		
	Supply and drawing into conduit PVC insulated earth conductors, excluding any connections		
	25mm ² Conductors		
23	Supply	m	50
24	Install	m	50
	4mm ² Conductors		
25	Supply	m	20
26	Install	m	20
	<u>Light Switches</u>		
	Supply, fitting and electrical connection of a flush or surface mounted 16A switch in 100 x 50 excluding box (for flush type) and conduit connections, but including cover plates.		
	16A 1 Lever		
27	Supply	No	1
28	Install	No	1
	<u>Luminaires</u>		
	Supply and installation of the following luminaires, complete with lamps as specified in Part C.		
	Type B1		
	Carried to Collection		
	Section 4		
	Bill No. 1		
	Electrical Installation (Provisional)		

R

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

29	Supply	No	4		
30	Install	No	4		
	<u>Daylight Switches/ Photo-cells</u>				
	Supply and installation of approved daylight switch				
	Daylight Switch				
31	Supply	No	1		
32	Install	No	1		
	<u>Socket Outlets</u>				
	Supply, fitting and electrical connection of flush or surface mounted switched socket in either 100 x 100, 100 x 50, round box or wiring channel, excluding box (for flush type) and conduit connections, but including cover plate.				
	16A Double SSO c/w cover plate.				
33	Supply	No	4		
34	Install	No	4		
	<u>LIGHTNING PROTECTION</u>				
	<u>Down Conductors</u>				
	Supply and fixing on surface in an approved manner of aluminium conductor as specified in Clause A1.3.1 including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.				
35	50mm ² Aluminium Conductors	m	11		
Carried to Collection					R
Section 4					
Bill No. 1					
Electrical Installation (Provisional)					

	<u>Air Terminal Conductors</u>			
36	Supply and fixing on surface in an approved manner of 50mm ² aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.	m	11	
	<u>Terminations of Down Conductors to air Terminals</u>			
	Termination of aluminium conductor to metal roof as specified in Clause A1.4 including lugs and making off of the ends etc.			
37	50mm ² Aluminium Conductors to metal roof.	No	4	
	<u>Earthing Conductors</u>			
	Supply and laying in the ground and in conduits of copper earth wire as specified in Clause A1.5 excluding terminations. Rates quoted shall allow for wastage, off-cut and joints.			
38	70mm ² green PVC insulated copper conductor	No	11	
	<u>Termination of Earthing Conductors to Down Conductors</u>			
	Termination of earth conductor to aluminium down conductor and earth electrodes including making off the ends, lugs, clamps, etc.			
39	50mm ² Termination to 70mm ² conductor	No	4	
	<u>Earth Electrodes</u>			
	Supply and installation of earth electrodes generally as specified in Clause A1.3.3.			
40	3,6m long earth electrodes	No	4	
	<u>Termination of Earth Conductors to Earth Electrodes</u>			
	Termination of Earth Conductors to Earth Electrodes including making off of ends, lugs, clamps, etc.			
	Carried to Collection			R
	Section 4			
	Bill No. 1			
	Electrical Installation (Provisional)			

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

41	70mm² Earth Conductor to Earth Electrode <u>General Earth Bonding</u>	No	4		
42	Bonding of metal drainage down pipes and items. <u>Testing</u> Supply and testing apparatus and testing in accordance with SANS Code.	No	4		
43	Testing of joint continuity		Item		
44	Testing of Lightning Protection System		Item		
45	Testing of Earthing Points		Item		
46	Soil Resistivity Test and Report		Item		
				R	
Carried to Collection					
Section 4 Bill No. 1 Electrical Installation (Provisional)					

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

	Quantity	Rate	Amount
ect of loss of mission of aid amounts ork d out by the measured e Contractor. <u>e carried out he ent as Committee</u>			
nt Thousand of 6 Months.	Item	%	58 500.00
Hundred of Sky light	Item	%	320 000.00
Hundred and er glazed	Item		850 000.00
to Collection		R	

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

6	Add: Mark-up		%	
	<u>PERFORATED ALUMINIUM CORTEN FINISH SCREEN PANELS</u>			
7	Provide the amount of R550 000.00 (Five Hundred and Fifty Thousand Rand) for installation of fixed and foldable Perforated Aluminium Finish screen panels by the Specialist.	Item		550 000.00
8	Add: Mark-up		%	
	<u>MUSEUM INTERACTIVE SCREENS WITH SOUND SYSTEM</u>			
9	Provide the amount of R450 000.00 (Four Hundred and Fifty Thousand Rand) for installation of two(2) 65cm touch display screens by the specialist.	Item		450 000.00
10	Add: Mark-up		%	
	<u>MAMA WINNIE MADIKIZELA MANDELA'S EXHIBITION</u>			
11	Provide the amount of R1 000 000.00 (One Million Rand) for creating Mama Winnie Madikizela Mandela's exhibition which will comprise artworks, pictures, glass texts etc. illustrating Mama Winnie's entire life.	Item		1 000 000.00
12	Add: Mark-up		%	
	<u>BOMBED CLINIC CRIME SCENE</u>			
13	Provide the amount of R250 000.00 (Two Hundred and Fifty Thousand Rand) for creating crime scene which will be illustrating how the clinic was bombed.	Item		250 000.00
14	Add: Mark-up		%	
Carried to Collection				R
Section 5				
Bill No. 1				
Provisional Sums				

BUDGETARY ALLOWANCES

The following budgetary allowances are for work to be executed at rates in the bills of quantities or to be agreed by the Principal agent:

- 15 Provide the sum of R100 000.00 for protection of existing structure (bombed clinic) during construction as per specialist recommendations.

Item

100 000.00

Carried to Collection

R

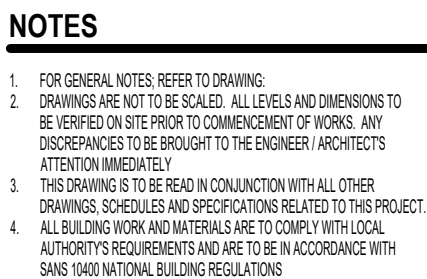
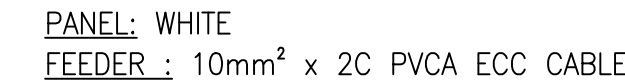
Section 5
Bill No. 1
Provisional Sums

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]

**DEPARTMENT OF SPORT, ARTS AND CULTURE:
MAMA WINNIE MADIKIZELA-MANDELA HOUSE IN BRANDFORT
PRICED BOQ_REV02**

[illegible]



ISSUED FOR TENDER

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I/R	DATE	DESCRIPTION	ISS BY

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sport, arts & culture

Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

CONSULTANT



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PROJECT

CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MAMA WINNIE MADIKIZELA MANDELA HOUSE IN BRANDFORT

DRAWING TITLE

DB-A Single Line Diagram

DRAWING CHECKS			
DESIGNED	DRAWN	CHECKED BY	DATE
N.K	N.K	N.M	04/09/23

PROFESSIONAL APPROVAL

ENGINEER: G.B.M PR REG. No : 202101604
SIGNATURE:  DATE: 04/09/23

DISCIPLINE

Electrical

DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT.	REV
SIST	WINNIE	00	WNN05	T	00

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILD

SCALE

A-

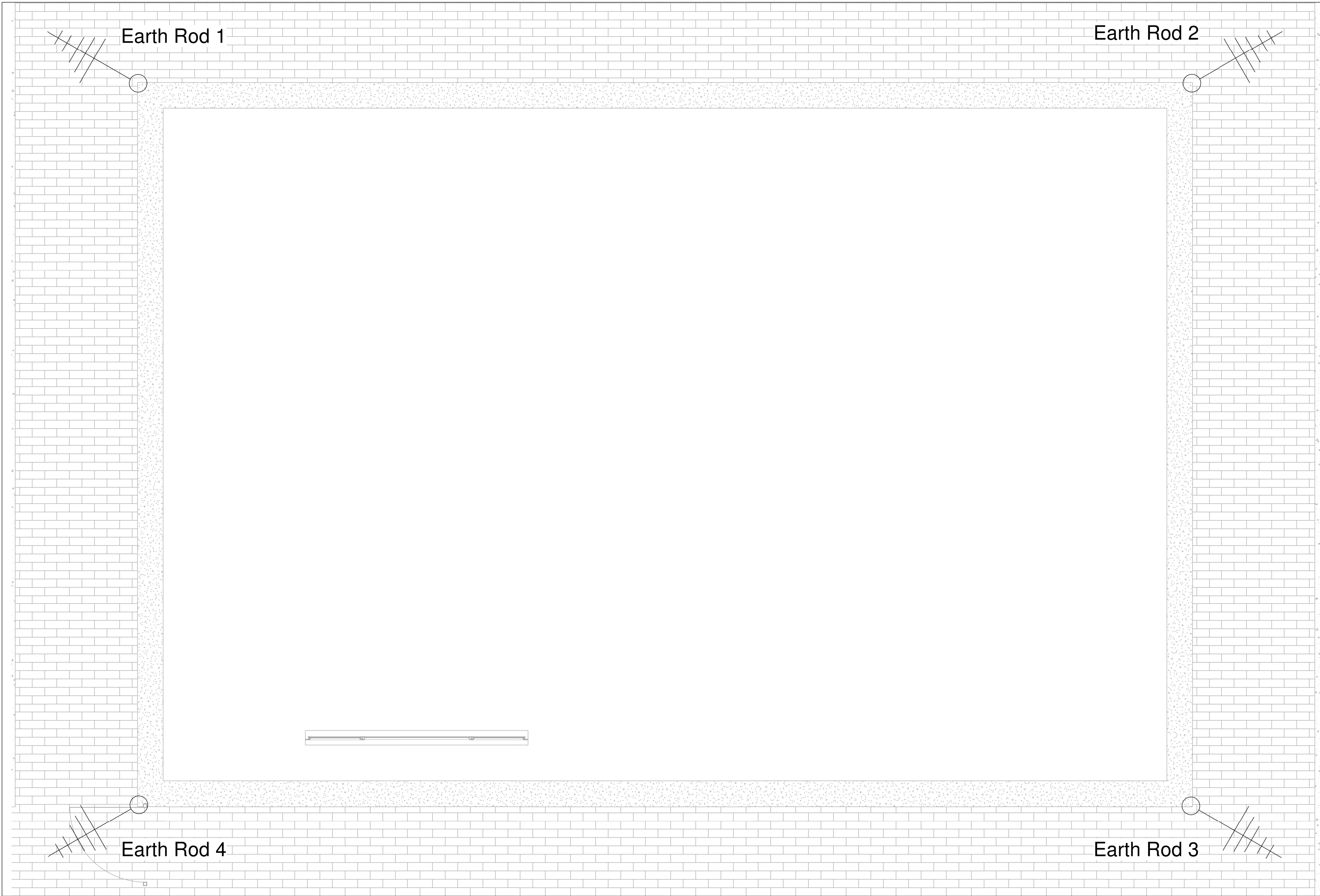
STAGE 03



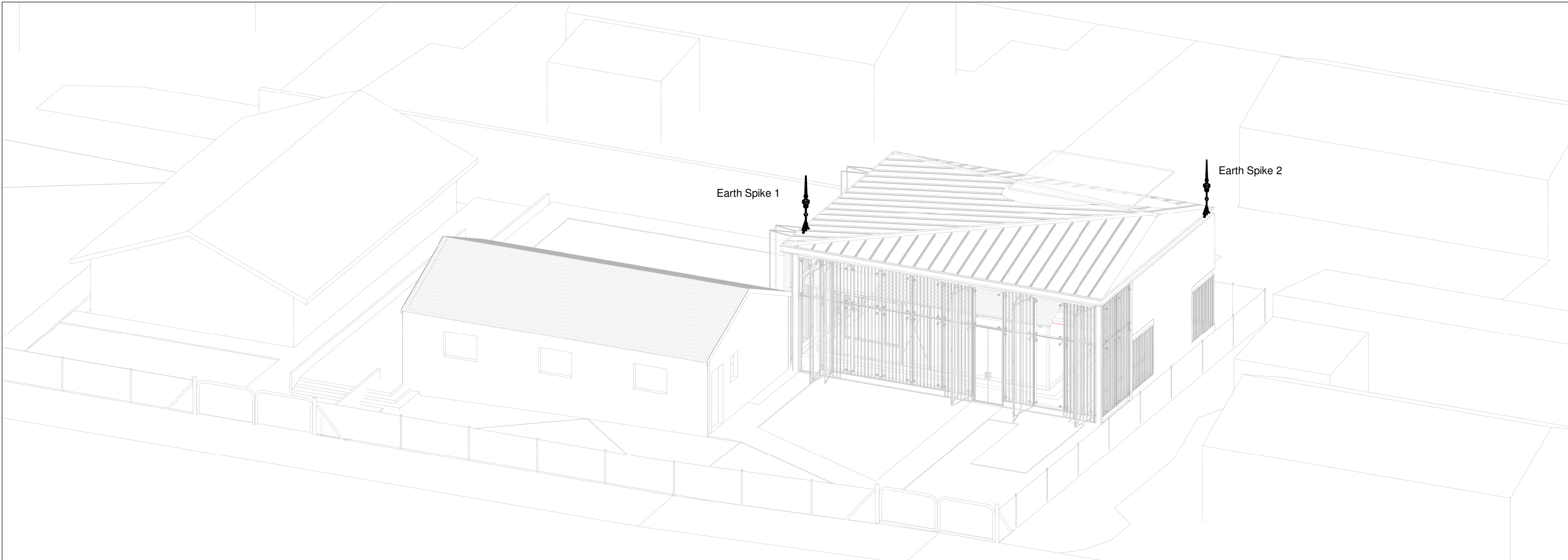
Figure 1: Lighting Legend

STAGE 03

- SCALE 1:30



Scale 1 : 20 Figure 2: Lightning Protection Layout



Scale 1 : 20 Figure 1: 3D with Lighting Protection Rods

GENERAL NOTES:

1. METAL ROOF SHEETING AND ASSOCIATED STRUCTURES SHALL GENERALLY BE USED AS THE AIR TERMINATION SYSTEM. EXCEPT AS SPECIFICALLY NOTED ON THE DRAWING, DISCRETE AIR TERMINATION CONDUCTORS TO BE SOFT ANNEALED ALUMINUM (1350 ALLOY) 270mm² UNLESS SPECIFICALLY INDICATED OTHERWISE ON DRAWING. ALL DISCRETE AIR TERMINATION CONDUCTORS TO BE INSTALLED <100mm FROM ROOF-PARAPET OUTER EDGE.

2. ROOF MOUNTED CABLE TRAYS, METALLIC COMPONENTS AND OTHER INFRASTRUCTURE TO BE BONDED TO THE IMMEDIATELY ADJACENT AIR TERMINATION SYSTEM USING SOFT ANNEALED ALUMINUM (1350 ALLOY) 270mm² UNLESS SPECIFICALLY INDICATED OTHERWISE ON DRAWING.

3. DISCRETE DOWN CONDUCTORS TO BE SOFT ANNEALED ALUMINUM (1350 ALLOY) 225mm² (USE 70mm²/8mm²) UNLESS SPECIFICALLY INDICATED OTHERWISE ON DRAWING.

4. ALL MOUNTING SADDLES AND INSTALLATION METHODOLOGY FOR DISCRETE AIR TERMINATION, DOWN CONDUCTOR AND OTHER BONDING CONDUCTORS TO BE APPROVED BY THE ENGINEER.

5. ALL ROD EARTH ELECTRODES TO BE IN ACCORDANCE WITH SANS 1063. LENGTH AS SPECIFIED ON DRAWING (DEFAULT LENGTH 6000mm UNLESS OTHERWISE SPECIFIED). TOP OF EARTH ROD TO BE ≥500mm BELOW FINISHED GROUND LEVEL IF INSTALLED IN SOIL.

6. ALL TRENCH EARTH ELECTRODES TO BE 70mm² GALVANISED STEEL STRANDED CONDUCTOR INSTALLED ≥500mm BELOW FINISHED GROUND LEVEL UNLESS OTHERWISE SPECIFIED.

7. SUITABLE MARKERS TO BE APPROVED BY THE ENGINEER TO BE INSTALLED AT ALL DISCRETE EARTH ELECTRODES.

8. ALL METAL STRUCTURES AND PLANT INFRASTRUCTURE TO BE MADE GALVANICALLY CONTINUOUS AND BONDED TO THE EARTH ELECTRODE SYSTEM. ALL EQUIPMENT TO BE BONDED TO METAL STRUCTURES/EARTHING SYSTEM. NOTE THAT NOT ALL REQUIRED DISCRETE BONDS ARE SHOWN ON THE DRAWING, DUE TO THE DRAWING RESOLUTION/SCALE.

9. APPROVED CONDUCTOR TYPES, MATERIAL AND DIMENSIONS TO BE AS SPECIFIED ON THE DRAWING, OR IF NOT SPECIFIED IN ACCORDANCE WITH THE CONDUCTOR DEFINITIONS IN THE GENERAL NOTES AND SPECIFICATIONS DRAWING. ANY DEVIATION TO BE SPECIFICALLY APPROVED BY THE ENGINEER.

10. LIGHTNING PROTECTION SYSTEM TO BE COMPLIANT WITH THE REQUIREMENTS OF SANS 10313:2008 AND THIS DRAWING/DOCUMENT. IN THE EVENT OF A CONFLICT, SPECIFIC REQUIREMENTS OF THIS DRAWING SHALL BE SUPERCEDING.

11. EQUIPOTENTIALISATION IS A KEY PRINCIPLE BEHIND THE LIGHTNING PROTECTION STRATEGY AND DESIGN FOR THE SITE. EQUIPOTENTIALISATION AT GROUND LEVEL CAN BE ACHIEVED THROUGH THE USE OF NATURAL COMPONENTS SUPPLEMENTED WITH THE USE OF DISCRETE CONDUCTORS AS REQUIRED (E.G. AT GALVANIC DISCONTINUITIES AND BETWEEN STRUCTURES).

12. LIGHTNING PROTECTION ZONES SHALL BE ESTABLISHED AND MANAGED AS PER THE PRINCIPLES SET OUT IN THIS DRAWING/DOCUMENT AND THE GENERAL NOTES AND SPECIFICATIONS DRAWING. IT IS IMPORTANT TO MANAGE THE ZONE BOUNDARIES, FOR EXAMPLE IN RESPECT OF GROUNDING OF GROUNDABLE CONDUCTORS (INCLUDING ARMOURING), INSTALLATION OF SURGE PROTECTIVE DEVICES SPDs, ETC AT OR AS CLOSE AS POSSIBLE TO THE ZONE BOUNDARIES.

13. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING BONDING METHODS ARE ACCEPTABLE (IN ORDER OF DECREASING PREFERENCE):

- CRIMPING
- BOLTING OR CLAMPING
- EXOTHERMIC WELDING (OR ARC OR OTHER WELDING WHERE SPECIFICALLY SPECIFIED)

EXOTHERMIC WELDING IS GENERALLY PREFERRED DUE TO THE SOUND ELECTRICAL CONNECTION ACHIEVED, AND THE RESISTANCE TO CORROSION. IT SHALL THEREFORE BE USED IN PREFERENCE TO ALL OTHER METHODS, AND MUST BE USED FOR BURIED BONDS. WELDING OF ANY NATURE TO REBAR IS NOT PERMITTED.

14. FIXED EARTHING TERMINAL AS PER SITE WIDE DRAWING. EXACT SIZE AND DETAIL DESIGN OF FIXED EARTHING TERMINAL TO ALLOW FOR PRACTICAL CONNECTION ON SITE AND TO BE APPROVED BY ENGINEER PRIOR TO MANUFACTURE/PROCUREMENT AND INSTALLATION.

NOTE:

1. ALL CONDUCTORS TO BE GALVANISED STEEL STRANDED BONDING CONDUCTORS, ≥16 70mm² MINIMUM STRAND 1.7MM.

2. IF A GALVANISED STEEL CONDUCTOR IS NOT FULLY ENCASED IN CONCRETE, THE CONDUCTOR MUST BE SLEEVED WITH HEAT-SHRINK SLEEVING (DOUBLE LAYER), APPROVED THE ENGINEER, ALONG THE SECTION OF THE CONDUCTOR NOT FULLY ENCASED IN CONCRETE PLUS/INCLUDING 150MM OF THE CONDUCTOR IN THE CONCRETE ON EACH SIDE OF THIS SECTION.

REQUIREMENTS IN RESPECT OF CONCRETE REINFORCING

THE FOLLOWING REQUIREMENTS MUST BE IMPLEMENTED IN RESPECT OF THE CONCRETE REINFORCING WHERE THIS IS USED AS PART OF THE EARTHING AND LIGHTNING PROTECTION INSTALLATION

- APPROXIMATELY 50% OF INTERCONNECTIONS OF VERTICAL AND HORIZONTAL REINFORCING BARS MUST BE WELDED OR SECURELY TIED TOGETHER.
- VERTICAL BARS MUST BE WELDED OR OVERLAPPED A MINIMUM OF 20 TIMES THEIR DIAMETERS AND SECURELY TIED.
- ELECTRICAL CONTINUITY OF THE REINFORCING STEEL MUST BE ESTABLISHED BETWEEN INDIVIDUAL PRECAST CONCRETE UNITS AND ADJACENT PRECAST CONCRETE UNITS.

IN GENERAL, WELDING OF REINFORCING BAR IS NOT PERMITTED UNLESS EXPRESSLY AUTHORISED IN WRITING BY THE RESPONSIBLE STRUCTURAL ENGINEER.

LIGHTNING PROTECTION LEGEND

1. THE ELECTRICAL CONTRACTOR SHALL ONLY ALLOW FOR THE CONDUITS AND BOXES FOR THE LIGHTNING PROTECTION INSTALLATION.

2. THE LIGHTNING PROTECTION SPECIALIST SUB-CONTRACTOR IS TO BOND RODS ONTO STRUCTURAL STEEL, AND BOND STRUCTURAL STEEL TO METALLIC ROOF

EARTH ROD CIRCUIT SYMBOL

- NOTES
- FOR GENERAL NOTES, REFER TO DRAWING.
 - DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER / ARCHITECT'S ATTENTION IMMEDIATELY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.
 - ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 10400 NATIONAL BUILDING REGULATIONS

ISSUED FOR TENDER

ISSUE / REVISION			
I/R	DATE	DESCRIPTION	ISS BY

CLIENT Owner

sport, arts & culture

Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

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Email : admin@sistengineers.co.za

PROJECT

CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MAMA WINNIE MADIKIZELA MANDELA HOUSE IN BRANDFORT

DRAWING TITLE

Lightning Protection Layout

DRAWING CHECKS			
DESIGNED	DRAWN	CHECKED BY	DATE
N.K	N.K	N.M	04/09/23

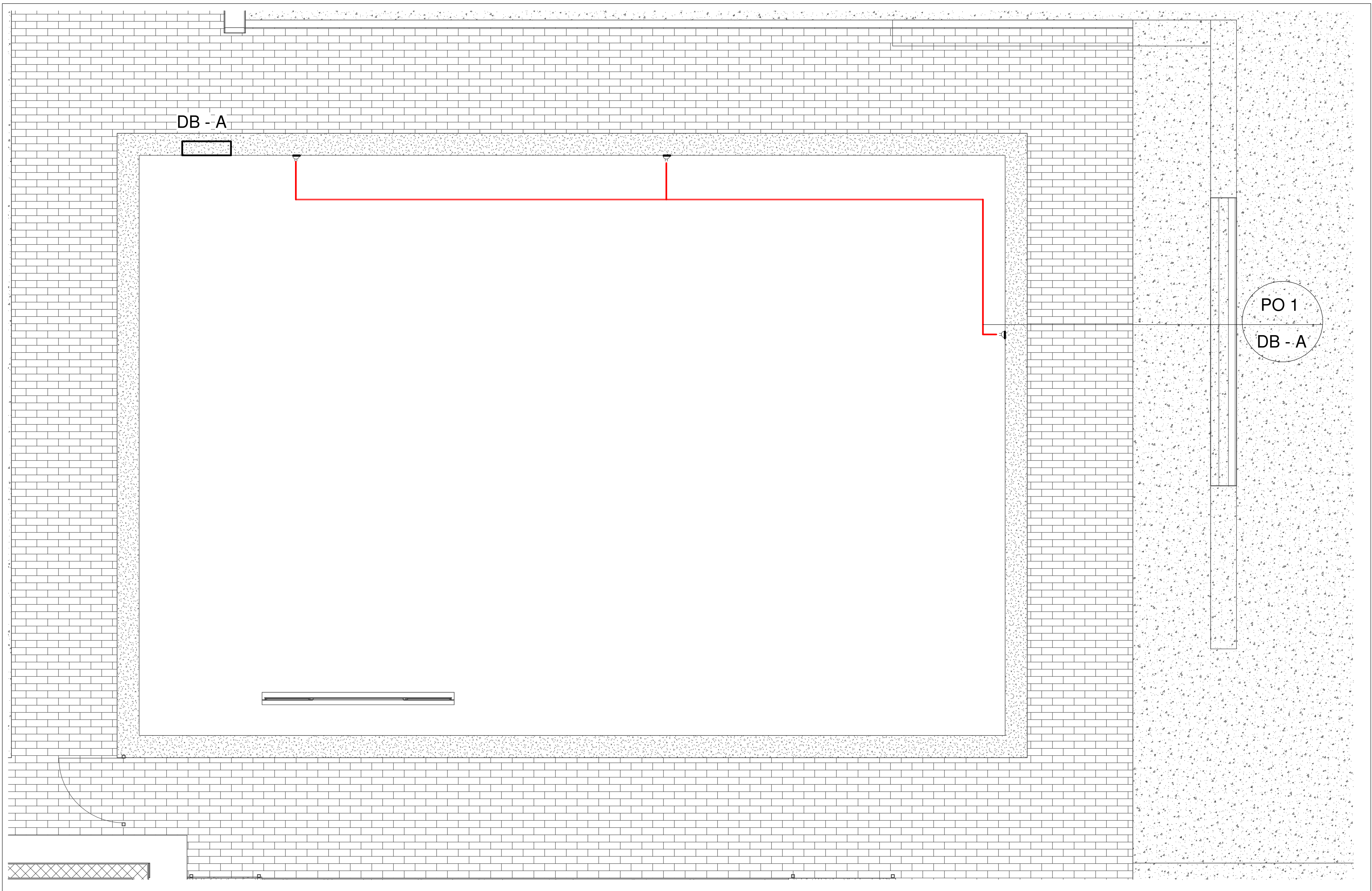
PROFESSIONAL APPROVAL

ENGINEER: G.B.M PR REG. No : 202101604

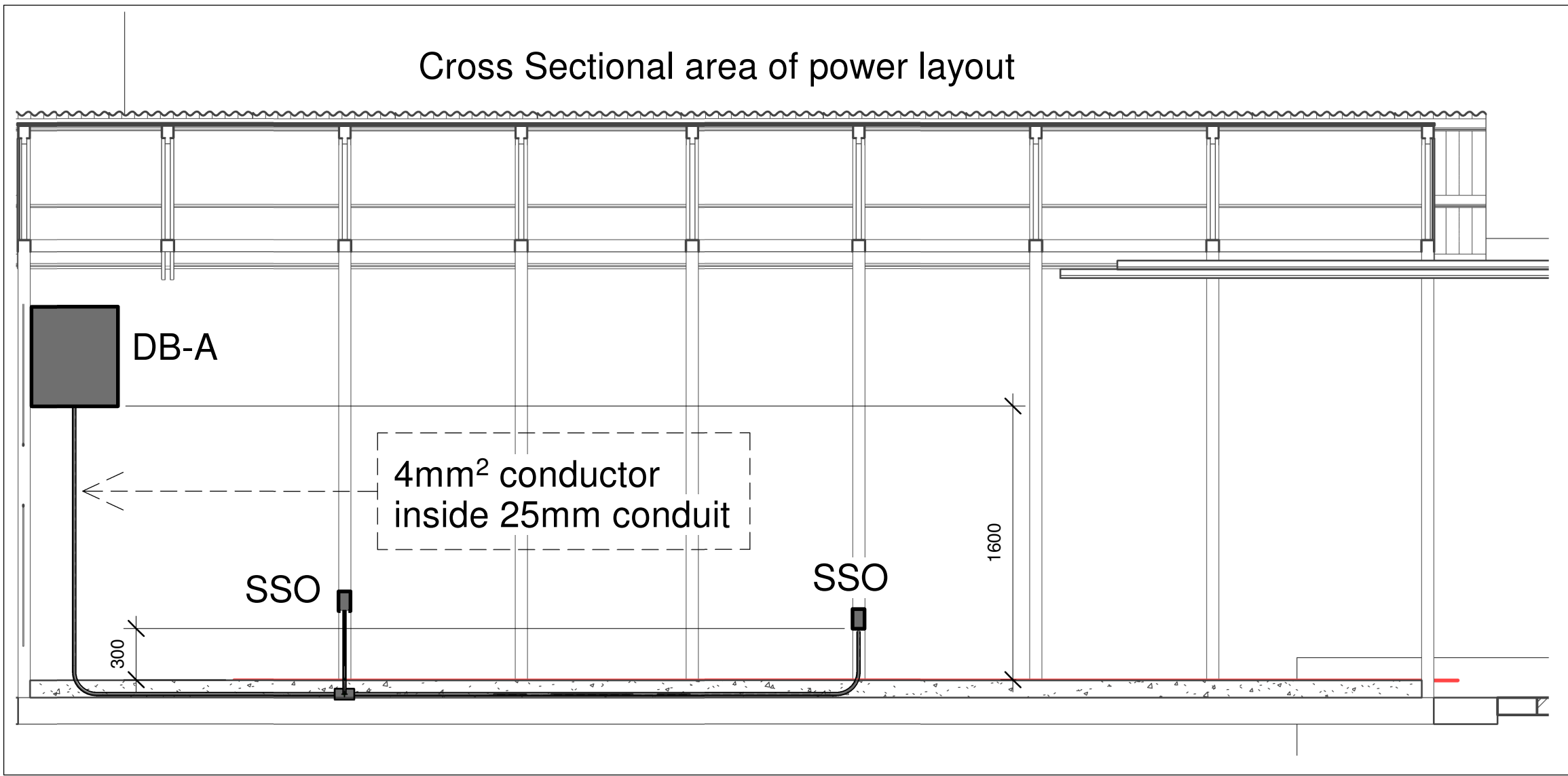
SIGNATURE: DATE: 04/09/23

DISCIPLINE
Electrical

DRAWING NUMBER					
ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	- WINNIE -	00	- WNN06 -	T	00



Scale 1 : 20 Figure 3: Ground Floor Power Layout



Scale 1 : 20 Figure 2: Cross Sectional Area of Power Layout

Proposed Winnie Mandela Power Legend No.1		
Image	Circuit Symbol	Description
		16A Plus 1 Euro Plus USB Socket Outlet 4x4 with White Cover
		16A Normal Double SSO c/w Coverplate 400w Standard
		16A Dedicated Double SSO c/w Coverplate 400w and Tamper Resistance (Essential Supply Only)
		Flush Mounted Electricity Distribution Board

Indicates Switching ————

Indicates Circuiting ————

Circuit Naming

Figure 1: Power Legend

- GENERAL NOTES**
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- ELECTRICAL ENGINEERING NOTE**
- A. THIS DRAWING IS ISSUED ONLY FOR THE SERVICE INDICATED IN THE TITLE BLOCK.
- B. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATION OF THIS INSTALLATION.
- C. INSTALLATION SHALL BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATION SECTION B.
- D. THE INFORMATION GIVEN HEREUNDER HAS BEEN ABSTRACTED FROM THE ABOVE AND IS PROVIDED ON EASE OF REFERENCE, BUT IN NO WAY DOES IT REPLACE THE CONTENTS OF SECTION B.
- | TYPE OF CIRCUIT | CONDUCTOR SIZE |
|----------------------------------|----------------|
| LIGHTING | 2.5MM² |
| SOCKET OUTLET -16A | 4MM² |
| SPACE HEATERS UP TO 3KW | 4MM² |
| WATER HEATERS/GEYSERS UP TO 4KW | 4MM² |
| STOVES UP TO 12KW(SINGLE PHASE) | 10MM² |
| MOTORS UP TO 2.2KW(SINGLE PHASE) | 4MM² |
| ISOLATORS UP TO 32A(TWO POLES) | 4MM² |
| ISOLATORS UP TO 40A(FOUR POLES) | 4MM² |
| LOW VOLTAGE CIRCUITS, BELLS ETC | 4MM² |
- ABBREVIATIONS**
- SSO-SWITCHED SOCKET OUTLET; SO-SOCKET OUTLET(UNSWITCHED)
DUO-DOUBLE SWITCHED SOCKET IN ONE OUTLET BOX, APFL-ABOVE FINISHED FLOOR LEVEL, COT-CIRCUIT, DB-DISTRIBUTION BOARD
TEL-TELEPHONE, A-AMP, V-VOLT, SP-SINGLE POLE, DP-DOUBLE POLE
TP-TRIPPLE POLE, ESS- ESSENTIAL SUPPLY, DWG-DRAWING

ISSUED FOR TENDER

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I/R	DATE	DESCRIPTION	ISS BY

CLIENT Owner



CONSULTANT



PROJECT

CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MAMA WINNIE MADIKIZELA MANDELA HOUSE IN BRANDFORT

DRAWING TITLE

Power Layout

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
N.K	N.K	N.M	08/06/23

PROFESSIONAL APPROVAL

ENGINEER: G.B.M PR REG. No : 202101604
SIGNATURE: DATE: 08/06/23

DISCIPLINE
Electrical

DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	WINNIE	00	WNN01	T	00

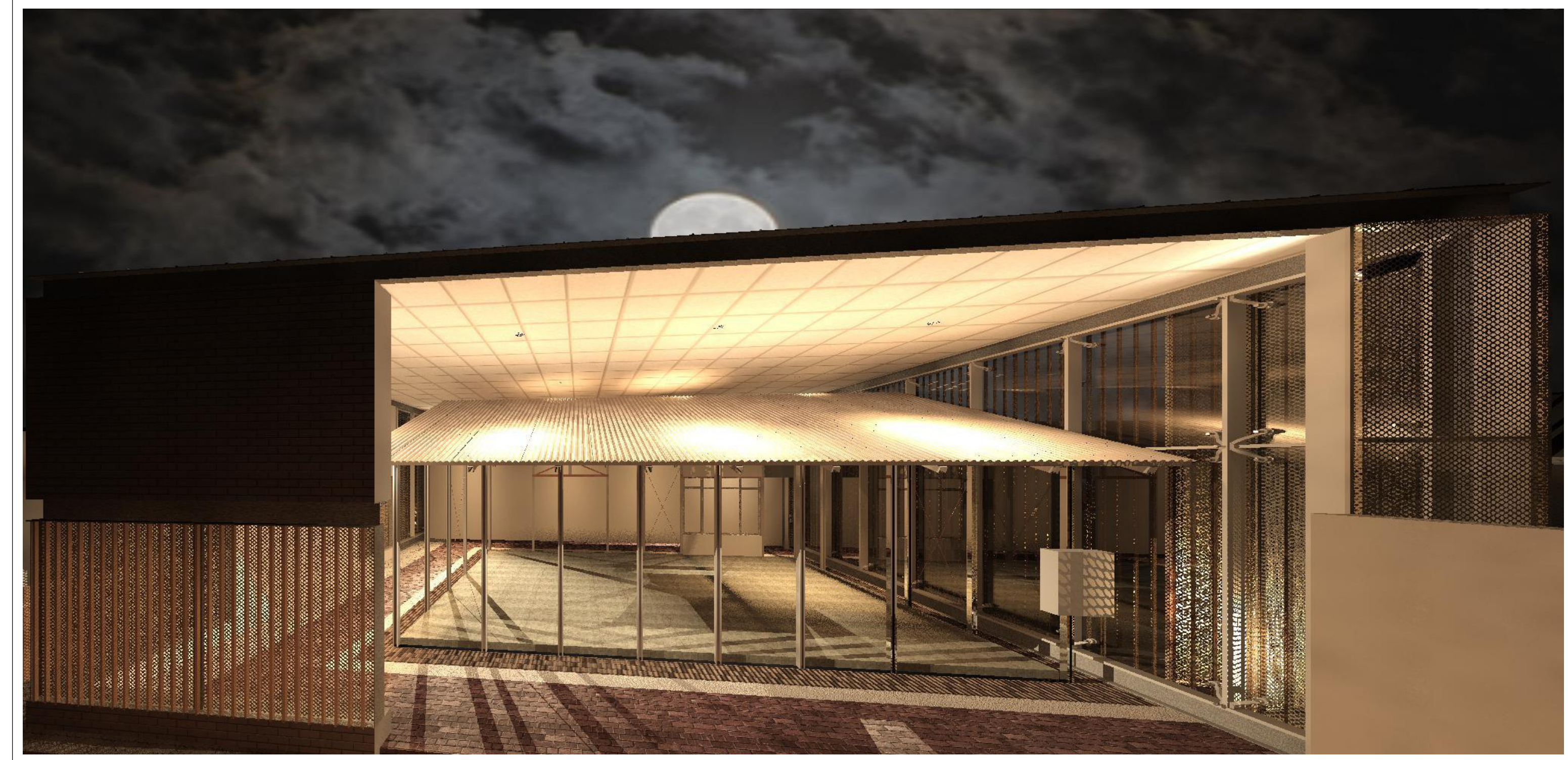
P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT

SCALE A1
As indicated

STAGE 03



Scale 1:1
Figure 2: Exterior Light Rendering Layout



Scale 1:1
Figure 1: Interior Light Rendering Layout

- NOTES**
- FOR GENERAL NOTES, REFER TO DRAWING.
 - DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER / ARCHITECT'S ATTENTION IMMEDIATELY.
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IMPORTANT NOTE

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C. INSTALLATION SHALL BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATION SECTION B.
D. THE INFORMATION GIVEN HEREUNDER HAS BEEN ABSTRACTED FROM THE ABOVE AND IS PROVIDED ON EASE OF REFERENCE, BUT IN NO WAY DOES IT REPLACE THE CONTENTS OF SECTION B.

TYPE OF CIRCUIT	CONDUCTOR SIZE
LIGHTING	2.5MM²
SOCKET OUTLET -16A	4MM²
SPACE HEATERS UP TO 3KW	4MM²
WATER HEATERS/GEYSERS UP TO 4KW	4MM²
STOVES UP TO 12KW (SINGLE PHASE)	10MM²
MOTORS UP TO 2.2KW (SINGLE PHASE)	4MM²
ISOLATORS UP TO 32A (TWO POLES)	4MM²
ISOLATORS UP TO 40A (FOUR POLES)	4MM²
LOW VOLTAGE CIRCUITS, BELLS ETC	4MM²

ABBREVIATIONS
SSO SWITCHED SOCKET OUTLET; SO SOCKET OUTLET (UNSWITCHED)
DUO-DOUBLE SWITCHED SOCKET IN ONE OUTLET BOX; APFL-ABOVE FINISHED FLOOR LEVEL; CCT-CIRCUIT; DB-DISTRIBUTION BOARD
TEL-TELEPHONE; A-AMP; V-VOLT; SP-SINGLE POLE; DP-DOUBLE POLE
TP-TRIPPLE POLE; ESS- ESSENTIAL SUPPLY; DWG-DRAWING

ISSUED FOR TENDER

ISSUE / REVISION

I/R	DATE	DESCRIPTION	ISS BY

CLIENT Owner



CONSULTANT

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PROJECT

CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MAMA WINNIE MADIKIZELA MANDELA HOUSE IN BRANDFORT

DRAWING TITLE

Light Rendering layout

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
N.K	N.K	N.M	04-09-23

PROFESSIONAL APPROVAL

ENGINEER: G.B.M PR REG. No : 202101604
SIGNATURE: [Signature] DATE: 04-09-23

DISCIPLINE

Electrical

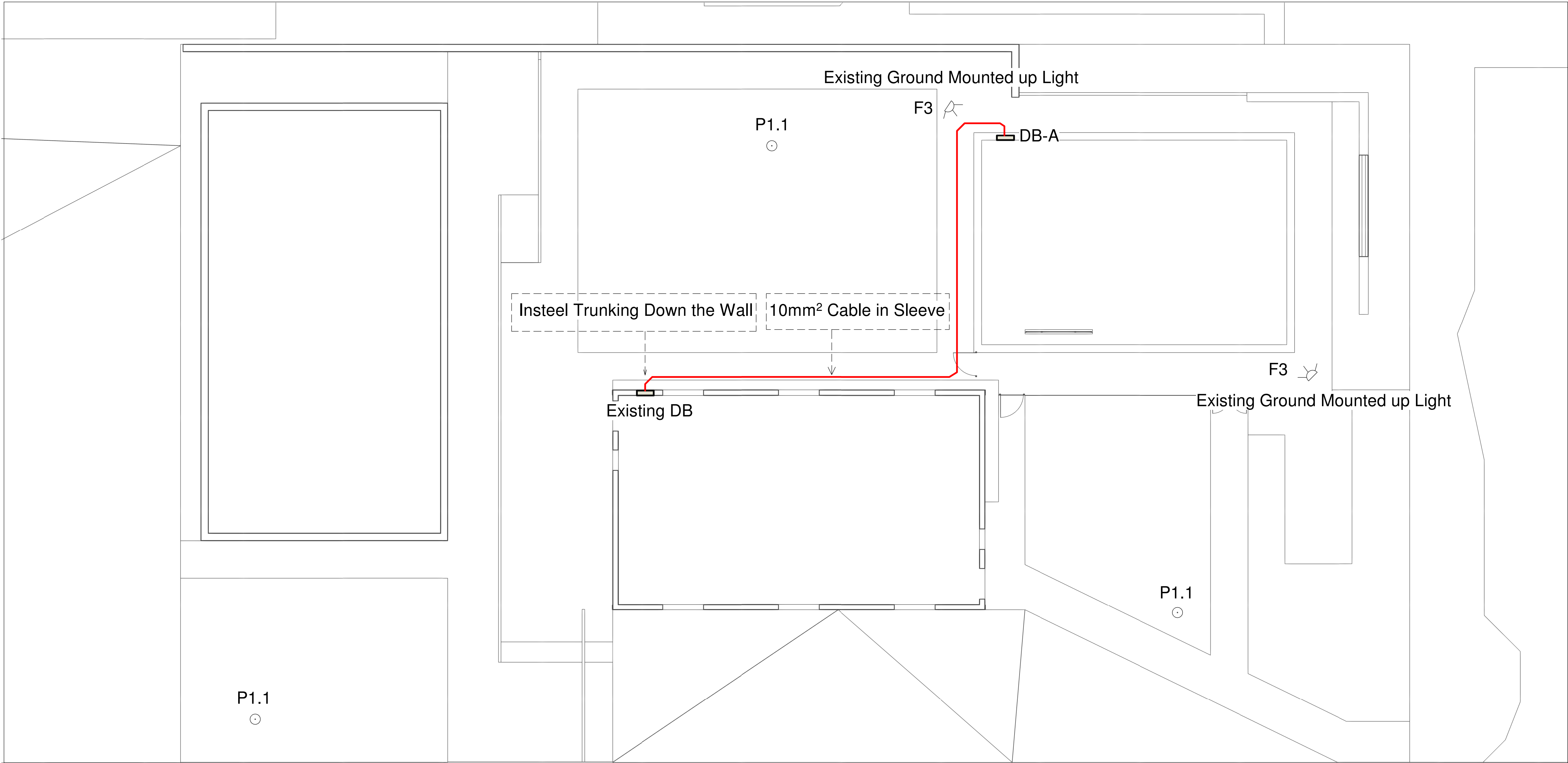
DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	WINNIE	00	WNN04	T	00

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT

SCALE 1:1

STAGE 03



Scale 1 : 20 Figure 2: Site Reticulation Layout

Site Reticulation Legend	
	P1.1 - (Proposing to Change these Lights to Solar Lights)
	Existing Ground Mounted Up Lights
	10mm² Cable

Figure 1: Site Reticulation Legend

GENERAL NOTES

1. FOR GENERAL NOTES, REFER TO DRAWING.

2. DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER / ARCHITECT'S ATTENTION IMMEDIATELY.

3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.

4. ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 10400 NATIONAL BUILDING REGULATIONS

ELECTRICAL ENGINEERING NOTE

A. THIS DRAWING IS ISSUED ONLY FOR THE SERVICE INDICATED IN THE TITLE BLOCK.

B. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATION OF THIS INSTALLATION.

C. INSTALLATION SHALL BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE STANDARD SPECIFICATION SECTION B.

D. THE INFORMATION GIVEN HEREUNDER HAS BEEN ABSTRACTED FROM THE ABOVE AND IS PROVIDED FOR EASE OF REFERENCE, BUT IN NO WAY DOES IT REPLACE THE CONTENTS OF SECTIONS.

TYPE OF CIRCUIT

CONDUCTOR SIZE

LIGHTING

2.5MM²

SOCKET OUTLET -16A

4MM²

SPACE HEATERS UP TO 3KW

4MM²

WATER HEATERS/GEYSERS UP TO 4KW

4MM²

STOVES UP TO 12KW(SINGLE PHASE)

10MM²

MOTORS UP TO 2.2KW(SINGLE PHASE)

4MM²

ISOLATORS UP TO 32A(TWO POLES)

4MM²

ISOLATORS UP TO 40A(FOUR POLES)

4MM²

LOW VOLTAGE CIRCUITS, BELLS ETC

4MM²

ABBREVIATIONS

SSO SWITCHED SOCKET OUTLET: SO SOCKET OUTLET(UNSWITCHED)

DUG-DOUBLE SWITCHED SOCKET IN ONE OUTLET BOX, APFL-ABOVE FINISHED FLOOR LEVEL, COT-CIRCUIT, DB-DISTRIBUTION BOARD

TEL-TELEPHONE, A-AMP, V-VOLT, SP-SINGLE POLE, DP-DOUBLE POLE

TP-TRIPPLE POLE, ESS- ESSENTIAL SUPPLY, DWG-DRAWING

ISSUED FOR TENDER

ISSUE / REVISION			
I/R	DATE	DESCRIPTION	ISS BY

CLIENT

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Department:
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REPUBLIC OF SOUTH AFRICA

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PROJECT

CONSTRUCTION OF COVERING FOR "BOMBED CLINIC" AND CREATE AN EXHIBITION AT MAMA WINNIE MADIKIZELA MANDELA HOUSE IN BRANDFORT

DRAWING TITLE

Site Reticulation Layout

DRAWING CHECKS			
DESIGNED	DRAWN	CHECKED BY	DATE
N.K	N.K	N.M	08/06/23

PROFESSIONAL APPROVAL

ENGINEER: G.B.M

PR REG. No : 202101604

SIGNATURE:

DATE: 08/06/23

DISCIPLINE

Electrical

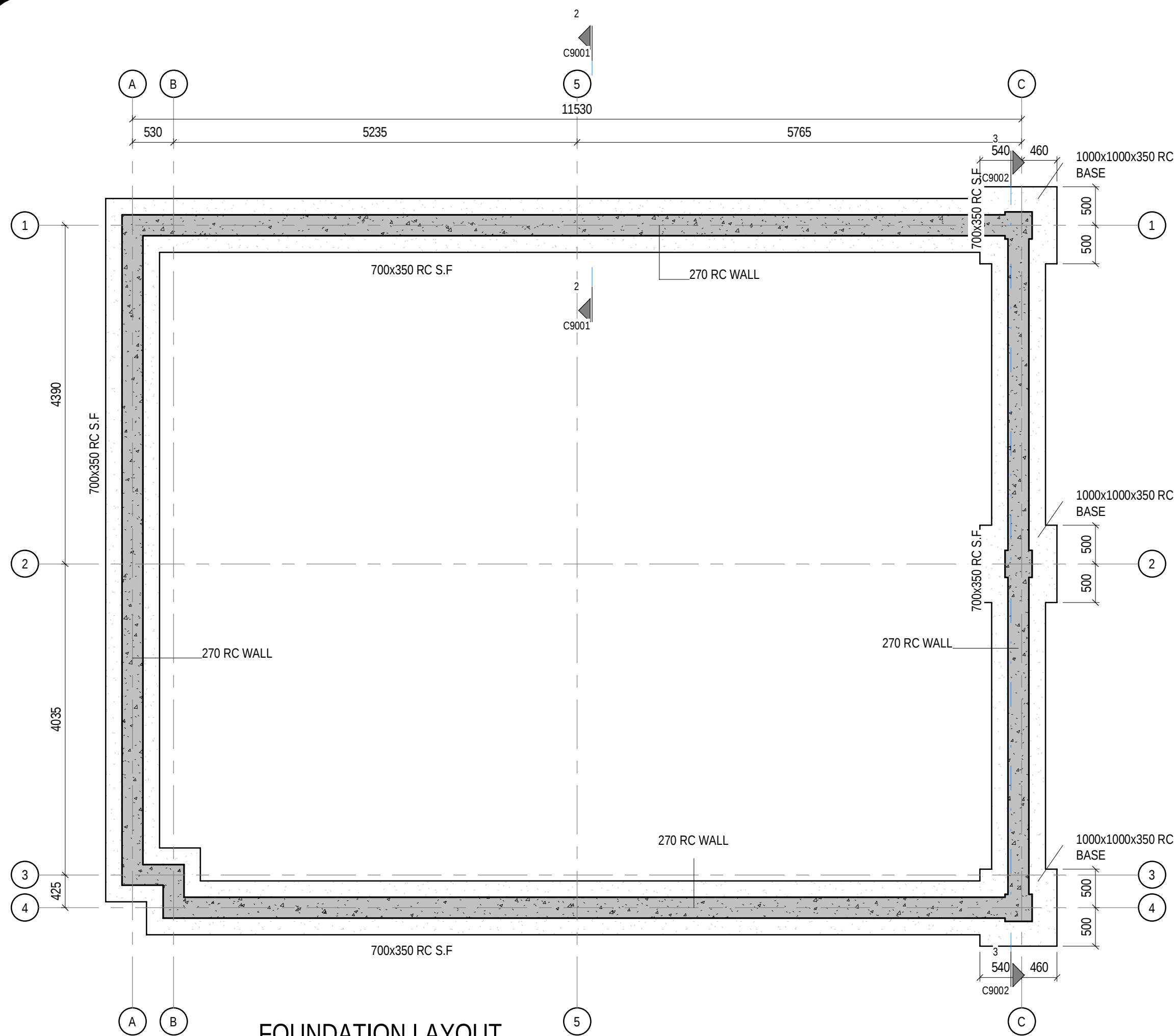
DRAWING NUMBER					
ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT.	REV
SIST	WINNIE	00	WNN02	T	00

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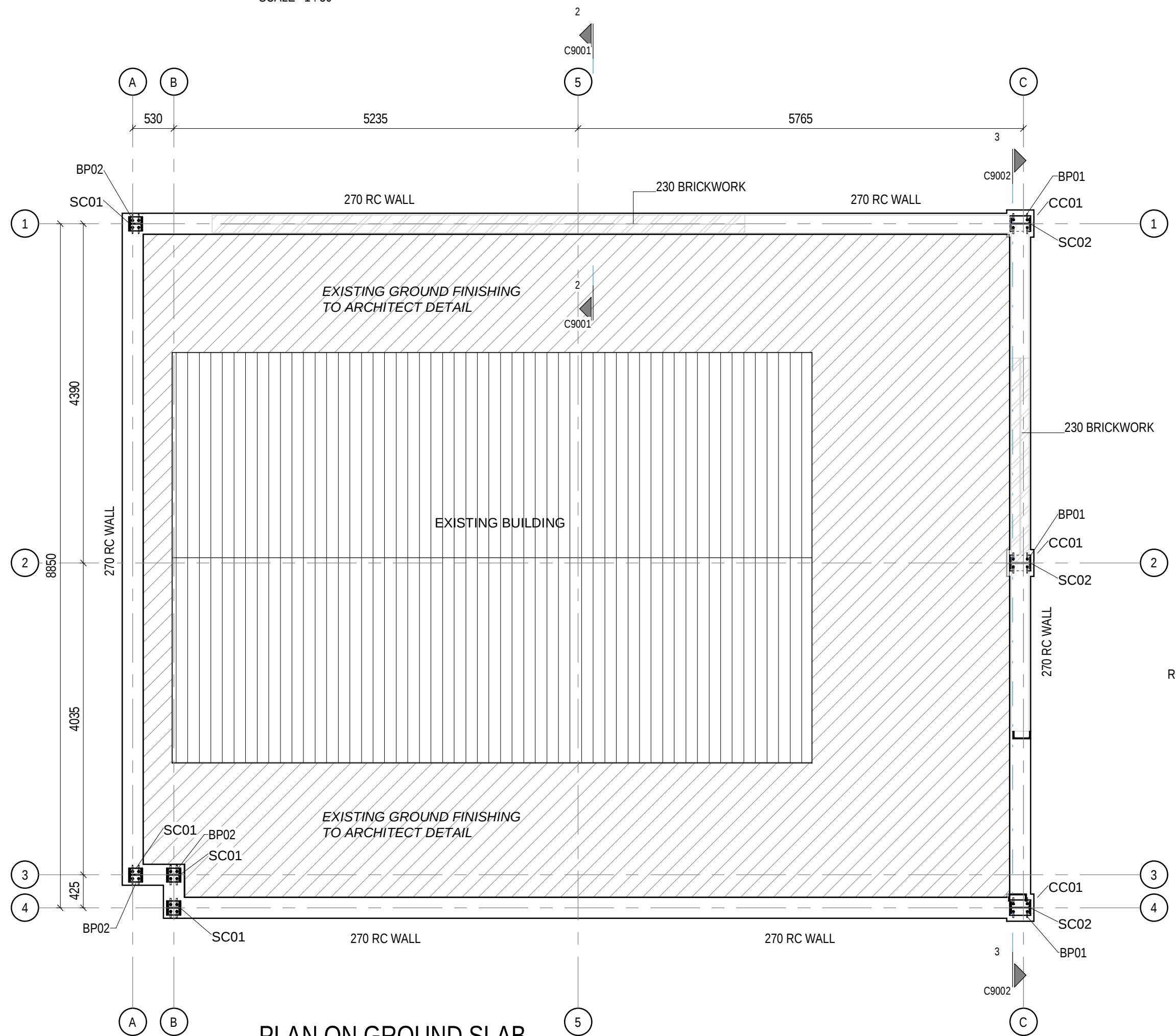
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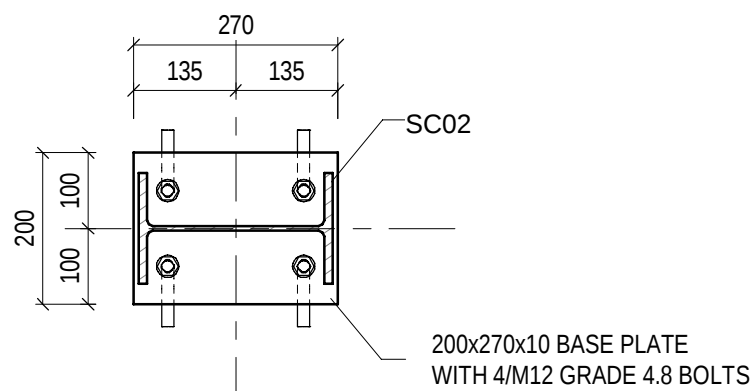
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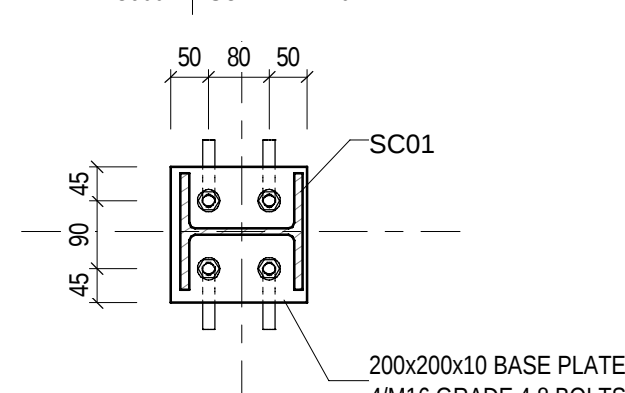
FOUNDATION LAYOUT
SCALE 1:50



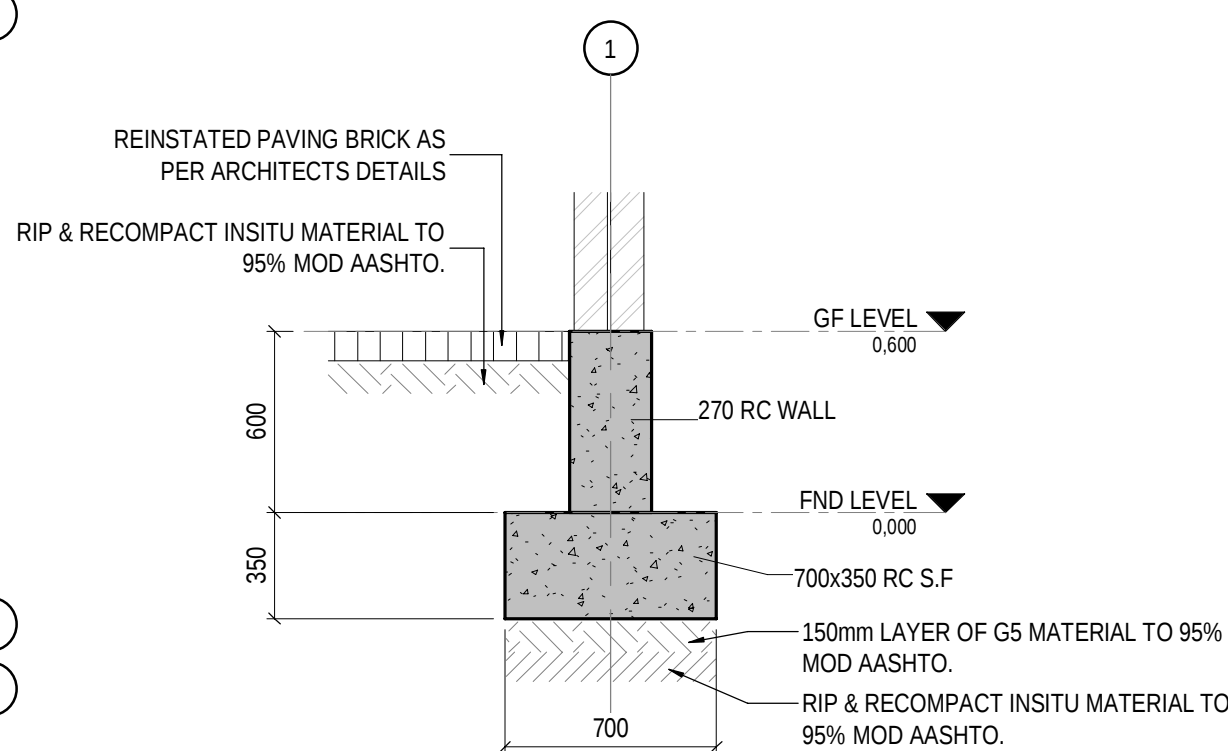
PLAN ON GROUND SLAB
SCALE 1:50



BP01 BASE PLATE
C9001 SCALE 1:10



BP02 BASE PLATE
C9001 SCALE 1:10



TYPICAL DETAIL
SCALE 1:25

5.0 BRICKWORK NOTES

- All brickwork to comply with the NBR, SANS 10400 and SANS 10164 parts 1 & 2.
- All burnt clay bricks to comply with SANS 227 and all concrete bricks to comply with SANS 1215.
- No chases vertical or horizontal (for plumbing /electrical) are permitted without approval from the engineer.
- Mortar shall be class II unless noted otherwise and shall comply with SANS 10164 and SANS 10249. Sand used in mortar to comply with SANS 1090.
- Brickforce to be used in every 4th course with a minimum lap of 150 mm.
- Wall ties to comply with SANS 28 and to be a minimum 3.5mm thick, galvanised (750g/m²) and provided at not less than 3 no. per square metre. (Plastic ties do not need to be galvanised).
- Clay bricks to be wetted before laying and in hot conditions to be stored under shade. Concrete bricks not to be wetted before laying.
- Vertical movement joints, burnt clay units:
Cat Max. Spacing (10-12mm joints)
1 16
2 12
3 8
- Vertical Movement joints (10-12mm joints) in concrete units not to exceed 10 m centres.
- Days between firing and laying for burnt clay units:
Cat Days
1 100
2 200
3 200
- Brick selection to be confirmed by the Engineer before procurement.
- Placement of movement joints to be confirmed by the Engineer prior to construction.
- Loadbearing Brickwork
- Minimum compressive strength of bricks - 14 MPa.
- Concrete slabs cast onto brickwork to be cast on 2 no. layers of tempered hardboard with the smooth faces together.
- Concrete slabs cast against bwk shall be cast against 13mm thick bitumen impregnated softboard or expanded poly-ethylene strips.
- Mortar to be independently tested for conformity with SANS 10164.

- Cavity Walls
- Cavity to be kept free of debris and mortar and ties to be cleaned of mortar droppings. Openings to be provided at max. 1000 mm centres directly above DPC by leaving perpend joints open for approximately 50 mm.

- No crimp ties to be used in cavity wall construction.
- Minimum cavity width 50 mm, maximum cavity width 110 mm.
- Wall ties to conform with SANS 10164 - 1: 1980 section 5.2.1.4
- Non-Loadbearing Brickwork
- Infill brickwork to have a 20mm gap at slab soffit level.
- Lintels
- All lintels to be prestressed precast concrete and are to comply with SANS 1504.
- Lintels shall be constructed in accordance with SANS 10400-K: 2011.
- Minimum bearing for lintel spans less than 2.5 m is 250 mm. Minimum bearing for lintel spans greater than 2.5 m is 350 mm.

- Lintels are to be propped at 1 m centres for a minimum of 7 days.
- Movement Joints
- The contractor is to provide vertical movement joints as follows:
a) On either side of openings exceeding 1.8 m in width.
b) Vertical movement joint spacing using burnt clay units:
Category Maximum Spacing (m)
I 16
II 12
III 8

- Vertical movement joints in concrete units not to exceed 10 m centres.
- Horizontal movement joints not to exceed 9 m centres.
- A horizontal movement joint may be excluded on buildings with the roof apex less than 12 m high.
- Placement of movement joints to be confirmed by the engineer prior to construction.

0.0 GENERAL NOTES.

- The contractor to keep a full set of drawings on site.
- Dimensions and levels must not be scaled or assumed. After notification, discrepancies or missing dimensions and levels will be corrected in writing by the engineer.
- All work shall be executed in strict accordance with the applicable parts of the latest edition of SANS 10400, SANS 2001, SANS 1200, the OSH Act and the project specification in the contract documents.
- The contractor shall check all project dimensions on site beforehand, any discrepancies shall be immediately reported to the engineer.
- All SANS specifications mentioned in the notes, on the drawings and in project specifications shall be available on site at all times in hard copy format.
- All instructions from the engineer to be written in the site instruction book, that should be provided by the contractor.
- Products different to those specified may be used with the engineer's prior approval.
- Unless otherwise indicated on drawings, all waterproofing, drainage falls and finishes are according to the architect details and specifications.
- The contractor shall disclose his proposed building sequence in board terms before site establishment.
- Any deviations from the construction drawings planned by the contractor shall be proposed to the engineer in full detail for a decision. The engineer is under no obligation to approve such deviations, but if approved, the approval shall be in writing.
- Refer to all relevant drawings by:
Architects Structural Engineers
Electrical Engineers Mechanical Engineers
- All columns, walls and beams to be placed centrally on grid/centre lines unless dimensioned otherwise.
- It is the contractor's responsibility to ensure that he understands and complies with all relevant engineering drawings and specifications and is adequately experienced to undertake all aspects of the work safely.
- The contractor is to comply at all times with all relevant municipal regulations and bylaws in the area of the site and is to ensure that he has a set of approved building plans on site at all times
- All products specified for use are to be used strictly according to to manufacturer's instructions and specifications at all times.
- Should the engineer be required on site, 48 hrs notice should be requested in writing, failure to do so, the engineer will not be held responsible for any delays or cost implications.
- In case of the field engineering queries to the engineer, in writing. The contractor shall have a proposed solution and sufficient digital photographs to show the problem.

1.0 CONCRETE NOTES.

- All concrete/reinforcement work shall be done in accordance with SANS 2001-CC:2012
- Concrete to be NPC PRO TEC CEM III/A 32.5N (55% Portland cement replacement) or equivalent.
- Concrete strength at 28 days:-
Blinding.....15 Mpa
Foundations.....25 Mpa/19mm
Columns.....30 Mpa/19mm
Surfacebeds.....25 Mpa/19mm
Suspended slabs and beams.....30 Mpa/19mm
- Concrete Cover to reinforcement :-
Foundations.....50mm
Columns.....40mm
Surfacebeds.....50mm
Suspended slabs and beams.....30mm
Retaining walls.....50mm
- Formwork classification to:-
Item Formwork Type Degree of Accuracy
Concealed surface Rough II
Exposed Surface Smooth (off shutter) III
- The contractor shall, prior to commencement of the project milestone, submit method statement to the engineer, describing all casting procedures, construction methods, position of construction joints and other aspects on which the engineers approval is required.
- The contractor must co-ordinate all service drawings and positions and openings of sleeves required for stormwater, sewerage, drainage, water supply, electrical mechanical and other services.
- The contractor must obtain permission from the structural engineer before any openings or services which are not indicated on the drawing and may be introduced through any structural element.
- All concrete sizes do not include finishes.
- Concrete mix designs to be submitted to the engineer for approval prior to commencement of work on site. All mix designs, whether prescribed or not, to be proven by means of trial mix or reliable previous results and to be agreed by engineer in writing before any concrete is cast. Aggregates to comply with SANS 2001-CC: clause 4.2.3. agreement of the mix design by engineer does not relieve the contractor from meeting any of the specified performance criteria.
Specification for concrete mix designs.
* Sand : to comply with SANS 1083: 2006
* Admixtures : None, except agreed or specified by the engineer.
* Aggregate size : 19 mm.
- 25x25 chamfers to all exposed visible concrete corners in collaboration with the architect. No chamfers on columns tying into breakwork.
- No in-situ concrete to be cast without prior approval from engineer.
- Cover blocks shall be as specified in cl 4.4.2.3 of SANS 2001-CC:2012. The compressive strength of concrete spacers shall be equal to or higher than that of the structural element in which they are used. The size and fixing method of cover blocks shall be discussed in advance with the engineer. No plastic cover blocks are to be used in any structural element.

NOTES

- FOR GENERAL NOTES, REFER TO DRAWING.
- DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER / ARCHITECT'S ATTENTION IMMEDIATELY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.
- ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 10400 NATIONAL BUILDING REGULATIONS

ISSUED FOR TENDER

COLUMN SCHEDULE	
TYPE MARK	TYPE
SC01	152x152x37 UC
SC03	230x90 PFC
SC02	254x146x37 UB
CC01	350x450 RC COLUMN

ISSUE / REVISION

IR	DATE	DESCRIPTION	ISS BY
0	2023-02-03	ISSUED FOR PRELIMINARY	

CLIENT



sport, arts & culture
Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

CONSULTANT



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PROJECT

CONSTRUCTION OF COVERING FOR
"BOMBED CLINIC AND CREAT AN EXHIBITION
AT MAMA WINNIE MADIKIZELA HOUSE AT
BRANDFORT"

DRAWING TITLE

FOUNDATION & GROUND
FLOOR LAYOUT, SECTIONS &
DETAILS

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
T.MUDAU	C.ZONDI	T.MUDAU	DATE

PROFESSIONAL APPROVAL

ENGINEER: T.MUDAU	PR REG. No: PROF REG. NO
SIGNATURE: _____	DATE: YYYY-MM-DD

DISCIPLINE

STRUCTURES

DRAWING NUMBER

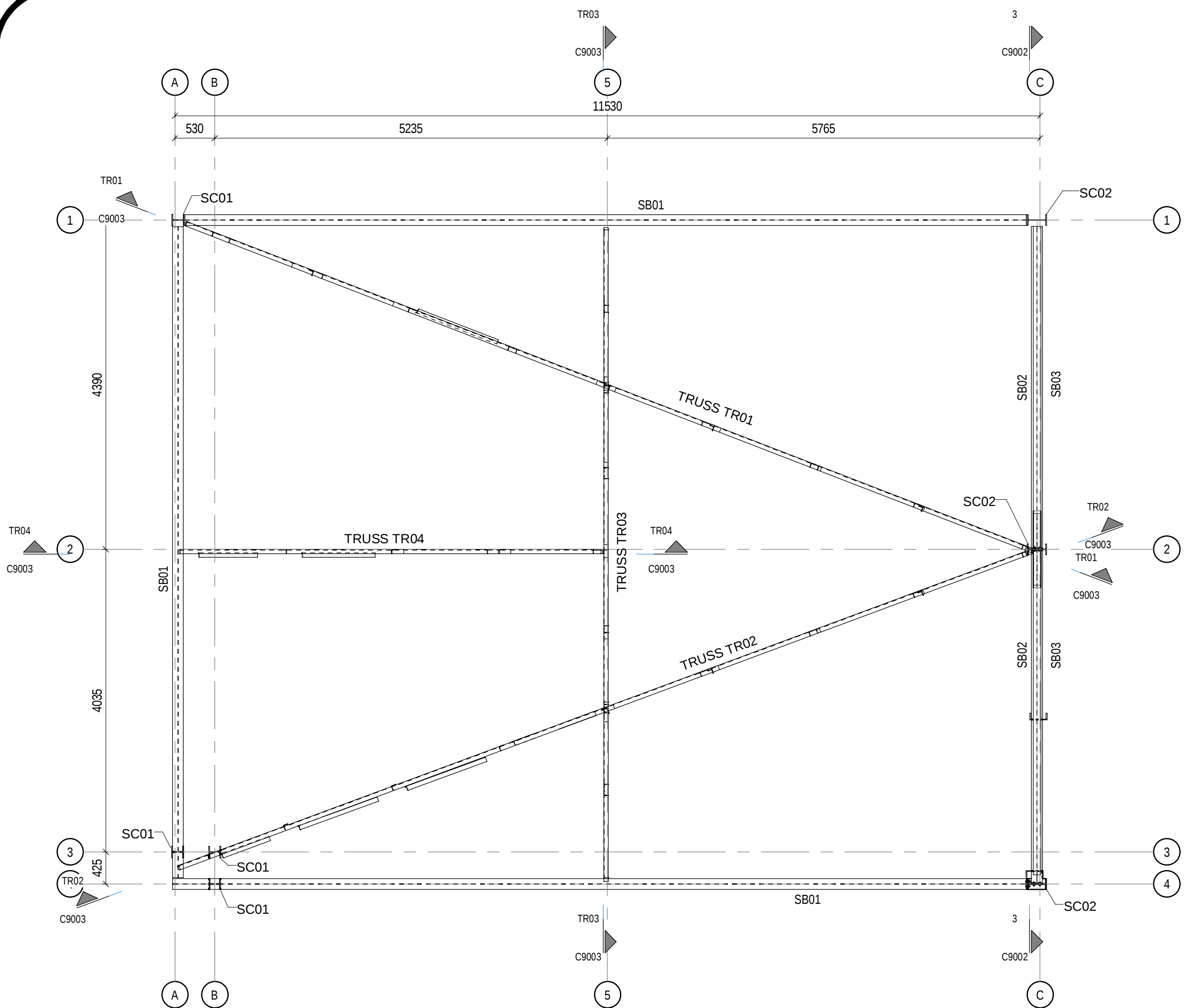
ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
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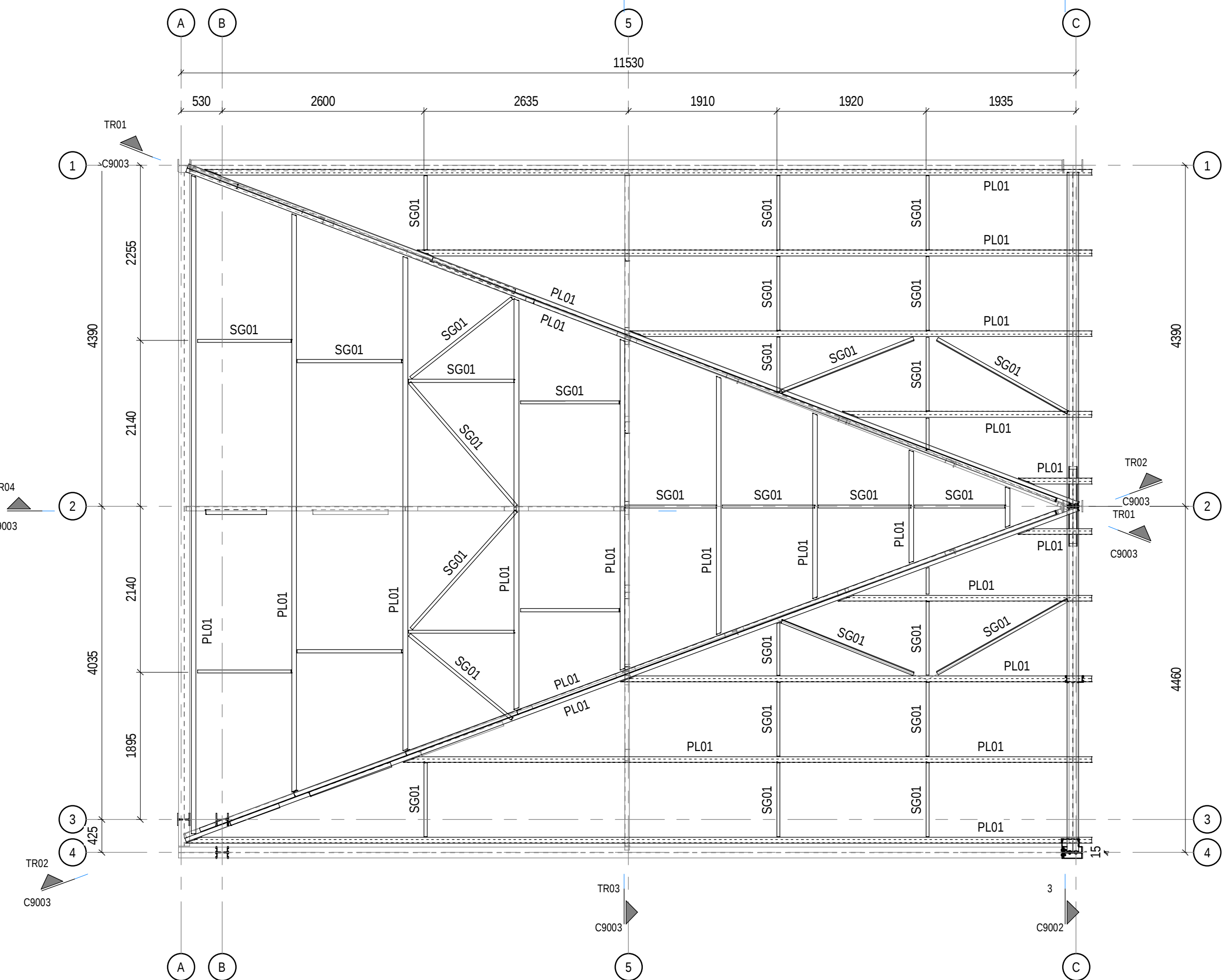
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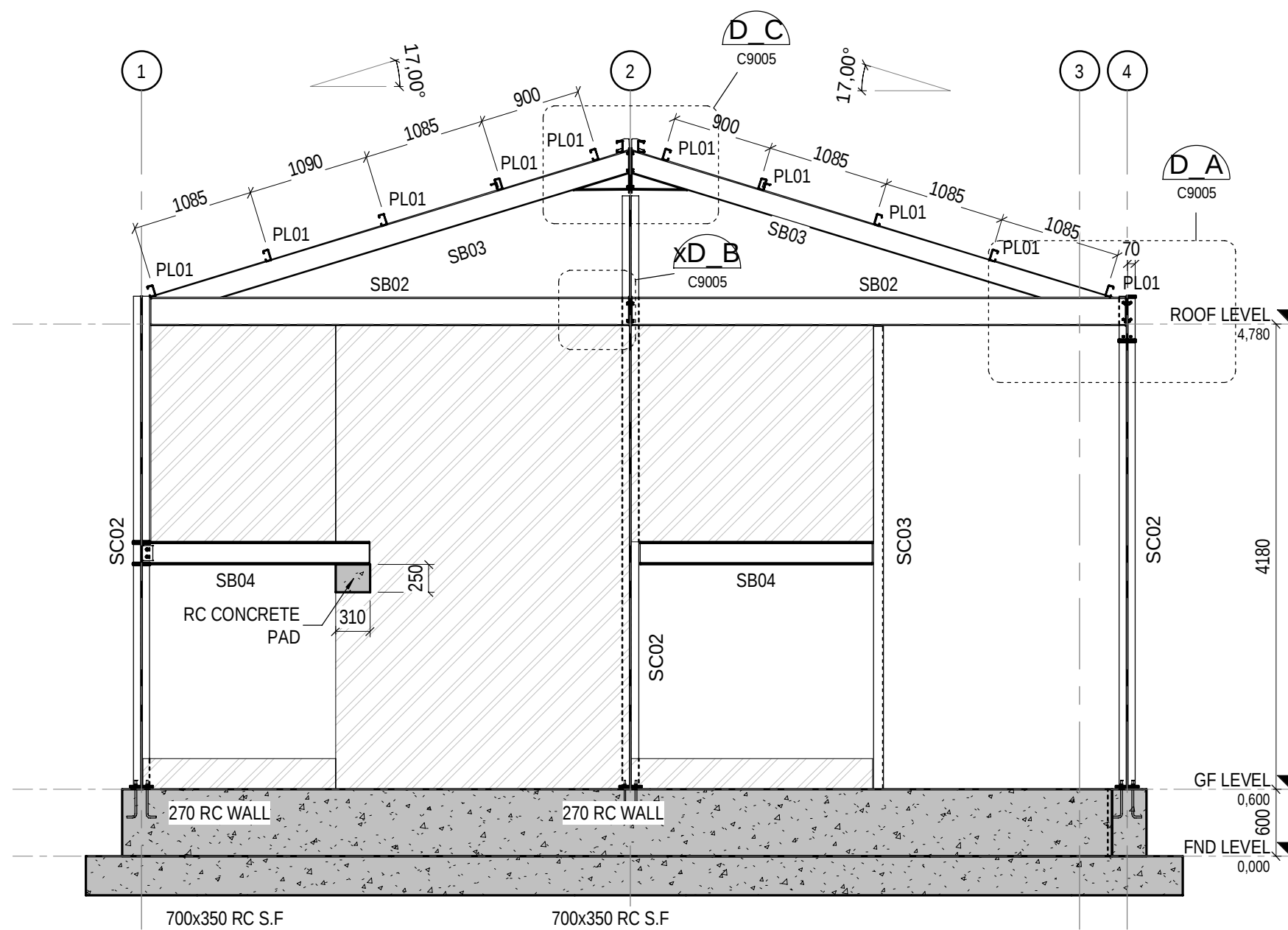
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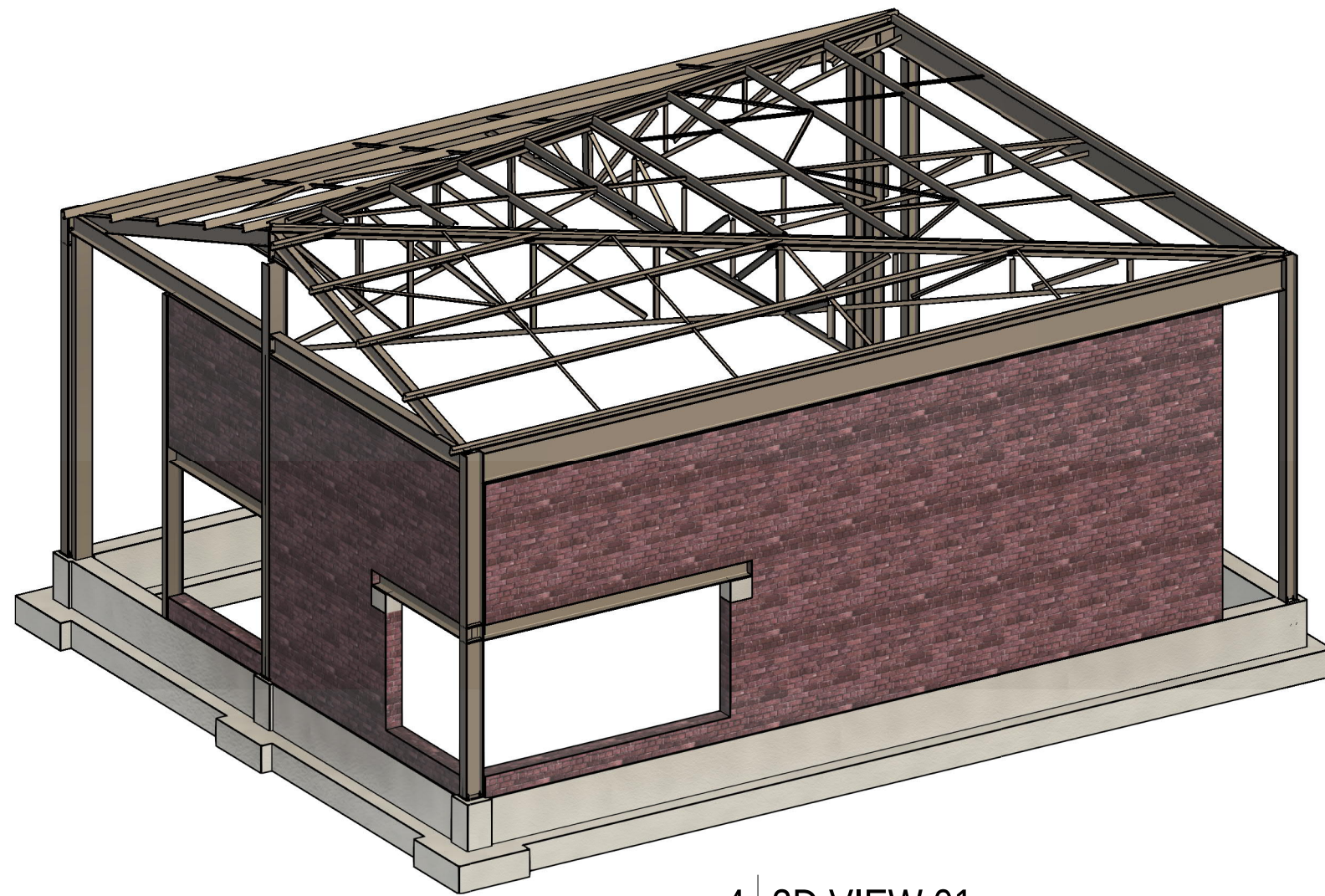
PRIMARY STEEL LAYOUT
SCALE 1:50



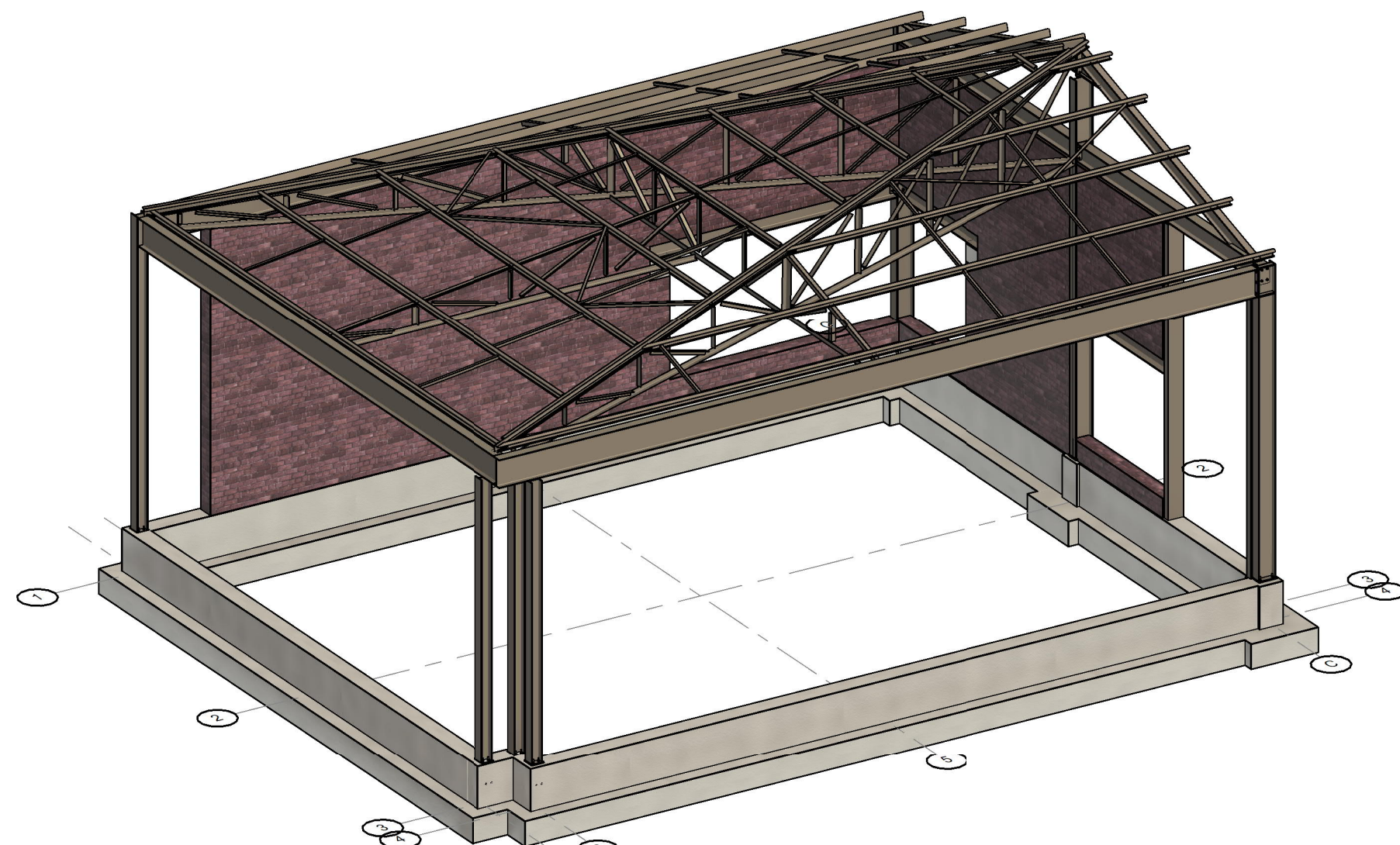
SECONDARY STEEL LAYOUT
SCALE 1:50



3 SECTION A-A
SCALE 1:50



4 3D VIEW 01
SCALE



5 3D VIEW 02
SCALE

4.0 STRUCTURAL STEEL NOTES

- Structural steelwork shall comply with the requirements of SANS 2001:CSI, SANS 1200H:1990 and the relevant project specifications.
- The engineer's drawings are intended as design drawings with the purpose of showing the design intent.
- The contractor shall prepare complete fabrication drawings (Clause 4.2.4 of SANS: CS1) which shall be submitted to the engineer for approval before fabrication commences. The contractor allow 14 working days for checking and approval by the engineer, and shall also allow for any changes required by the engineer.
- A certificate from the steel manufacture in which the grade of the structural steel is verified shall be handed to the engineer for approval.
- All dimensions shall be checked on site before preparation of shop drawings. Any discrepancies shall be handed to the engineer for approval.
- Setting out points (S.O.P.S) at member centroids shall conform to those shown on general arrangement drawings. No eccentricities, except those shown on the engineer's drawings shall be allowed.
- The proposed method and sequence of erection of the structure shall be submitted to the engineer for written approval. Such submission is to take place at the time shop drawing submittal. The contractor shall indicate the proposed method of propping to ensure stability of the structures during erection. Such stability during erection remains the contractor responsibility's. Where temporary bracing or propping is required, the contractor shall be responsible for the design, erection, manufacture and removal (where necessary) thereof proposal of such bracing or propping shall be submitted to the engineer at an early stage for his perusal.
- Corrosion protection:

 - Cold Rolled Steelwork
 - Hot dip galvanise to SANS 121 (ISO 1461).
 - Hot Rolled Steelwork - External
 - Shop Applied
 - Abrasive blast to Sa 2½
 - 1st Coat: Zinc rich epoxy primer 75 µm dry film thickness.
 - 2nd Coat: High build epoxy MIO (micaceous iron oxide) 125 µm dry film thickness.
 - Site Applied
 - 3rd Coat: High solid aliphatic polyurethane finish 80 µm dry film thickness.
 - Hot Rolled Steelwork - Internal, Visible
 - Shop Applied
 - Abrasive blast to Sa 2½
 - 1st Coat: High solid zinc phosphate primer 80 µm dry film thickness.
 - Site Applied
 - 2nd Coat: High build recoatable epoxy MIO (micaceous iron oxide) 120 µm dry film thickness.
 - Hot Rolled Steelwork - Internal, Hidden
 - Hot dip galvanise to SANS 121 (ISO 1461), minimum coating thickness of 70 µm and an average of 85 µm.
 - Where required for fireproofing, Intumescent paint is to be applied as specified by the Architect.
 - Preference should be given to the use of paint with a low or no volatile organic compound (VOC) content.
- The contractor shall produce evidence, acceptable to the engineer, that welding, procedures to SANS 2001 - C52, clause 5.2.
- Welds shall conform to SANS 10167:2004, SANS 44:2009 and AWS D1.1 specifications:

 - Where no welds size are shown, the minimum weld size shall be 6 mm. The contractor shall design and detail connections to transfer the full force capacity of the connected members through the connection.
 - When using electric arc welding, all electrodes shall be E7018. For any other welding process to be used, the contractor shall apply in writing, for the approval from the engineer for electrodes to be used.
 - All butt welds shall develop the full strength of the elements being joined.
 - All splices shall develop the full strength of the elements being joined.
 - All welding shall be done by suitably qualified and experienced welders using proper equipment in good condition, no site welding without engineers approval.
 - The contractor shall design all welds and, where necessary, gussets of sufficient strength shall be provided to obtain the required weld length to ensure the full strength of the connection at the connections of all bracing members, the bolt should be adequate to develop the full tensile capacity of the bracing member all truss and girder members to be welded all round both sides allow for gusset plates to ensure adequate welding length to develop full tensile capacity of members where necessary.
- Testing of welds:

 - 10% of all fillet welds and 100% of butt welds to be subjected to non-destructive testing
- All shop splices are to be indicated on drawings
- Where applicable, non-shrink grout shall be provided under base plates before any primary loads are applied to the structure.
- The contractor shall, at the commencement of the project, acquaint himself with the availability and delivery time of the products and steel profiles specified on the drawings so that such material can be ordered well in advance.
- Where slotted holes for bolts occur, the nut shall be hand tightened and lock-nut be provided unless noted otherwise.
- All hot rolled steelwork shall be grade S355JR, all hollow tube steelwork shall be grade S355JR and all cold formed steelwork shall be grade S355JR.
- All fixing bolts for structural steelwork shall be M20 grade 8.8 unless noted otherwise.
- Paint specification for the bolts: 3 days before the erection of the structural steelwork all bolts to be cleaned and decreased within 2 days of erection. All bolts are to be coated with 1 coat of sigmadur gloss or equivalent.
- See architectural drawings for final colour of structural steelwork (paint sample to be submitted for approval)
- All welds shall be 6mm continuous fillet welds unless noted otherwise.
- When steelwork connects to existing structures, the steelwork contractor shall check all site dimensions and levels before fabrication and erection.
- Traceability of steel.

 - All steel to be marked with the manufacturer's test certificate number to ensure full traceability and to facilitate re-use of the steel members.
- Marking steelwork.

 - Completed components shall be marked with a durable and distinguishing erection mark, section size, steel grade and manufacturer's test certificate number in such a way so as not to damage the component. Marking shall be in a discrete location. Hardstamping may be used unless noted otherwise.

NOTES

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ISSUED FOR TENDER

FRAMING SCHEDULE

TYPE MARK	TYPE
	100x75x6 L
FR01	60x60x6 L
FR02	80x80x6 L
PL01	100x50x20x3.0 CFLC
SB01	406x140x39 UB
SB02	254x146x37 UB
SB03	IPE 200
SB04	203x203x52 UC
SG01	40x40x5 L

ISSUE / REVISION

IR	DATE	DESCRIPTION	ISS BY
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Department:
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PROJECT

CONSTRUCTION OF COVERING FOR
"BOMBED CLINIC AND CREAT AN EXHIBITION
AT MAMA WINNIE MADIKIZELA HOUSE AT
BRANDFORT"

DRAWING TITLE

ROOF LAYOUT SECTIONS &
DETAILS

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
T.MUDAU	C.ZONDI	T.MUDAU	DATE

PROFESSIONAL APPROVAL

ENGINEER: T.MUDAU PR REG. No: PROF REG. NO
SIGNATURE: DATE: YYYY-MM-DD

DISCIPLINE

STRUCTURES

DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	WINNIE	SE	C9002	T	0

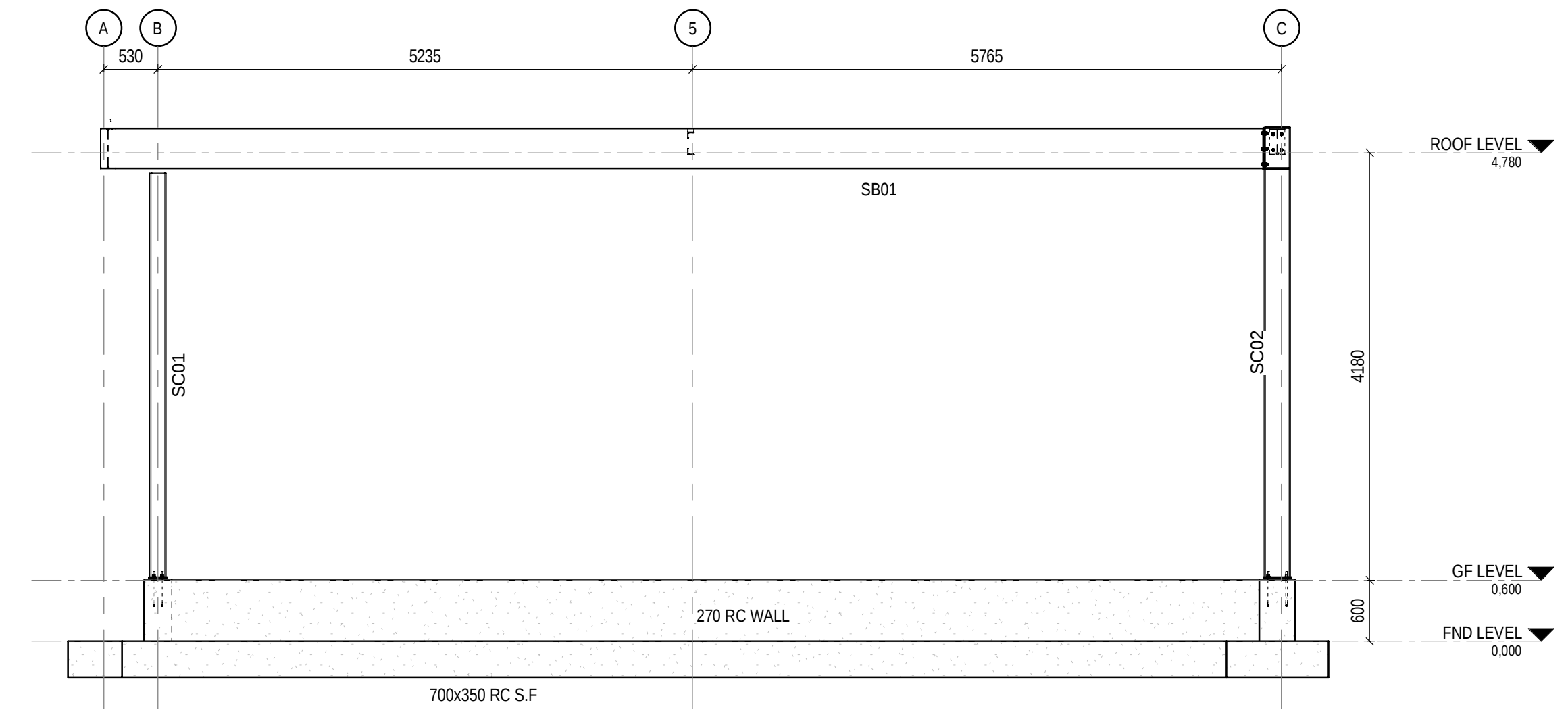
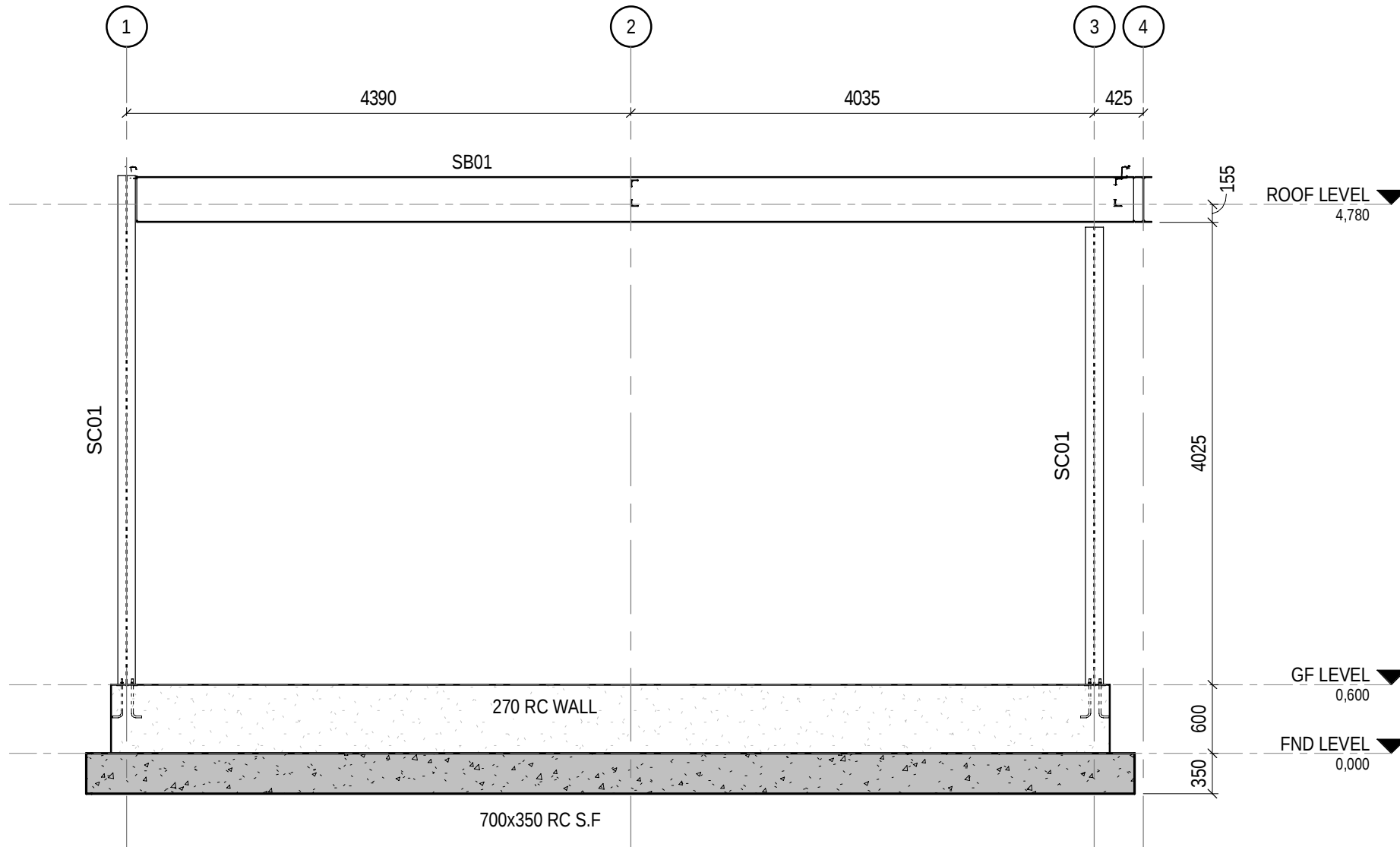
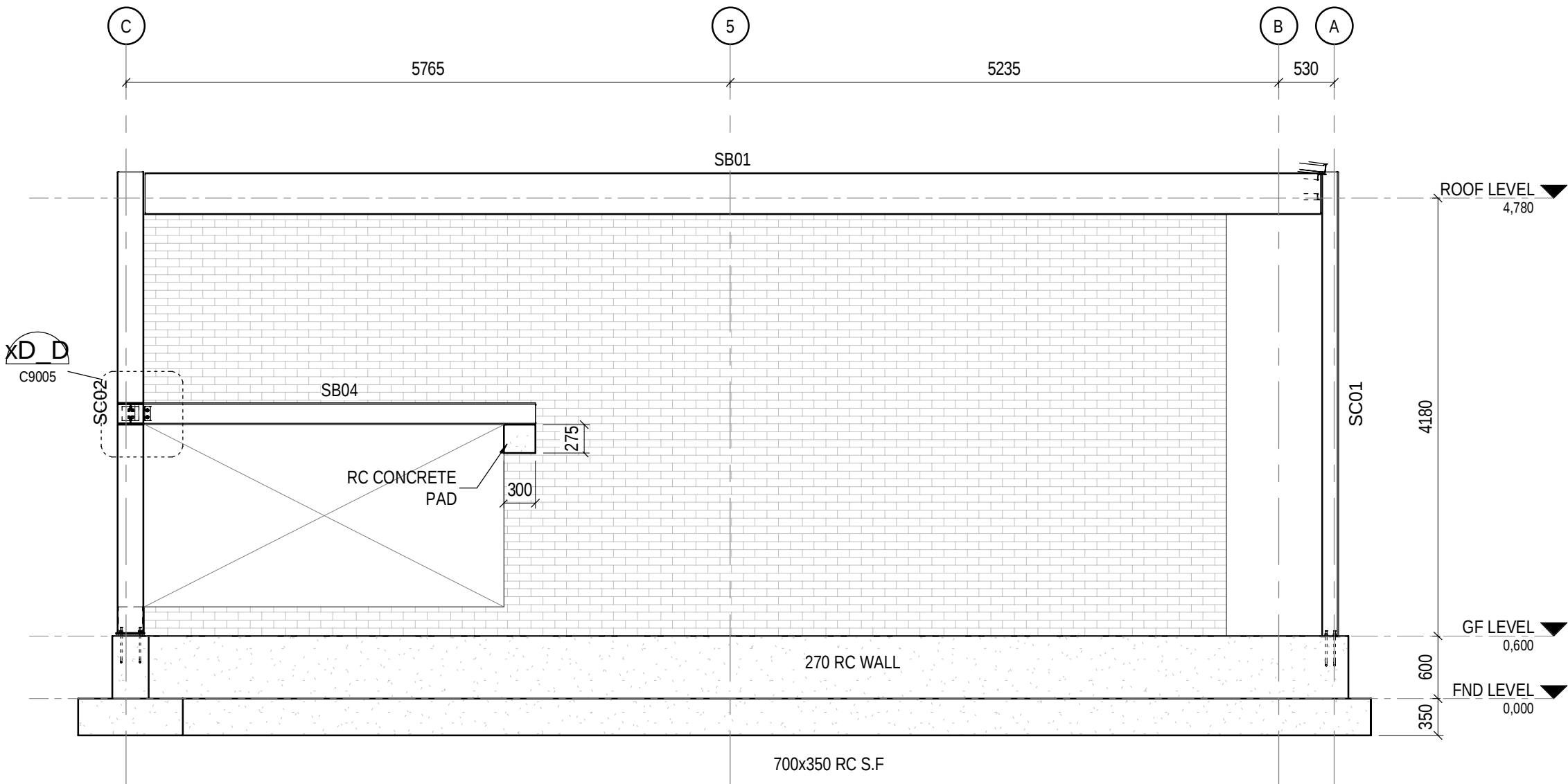
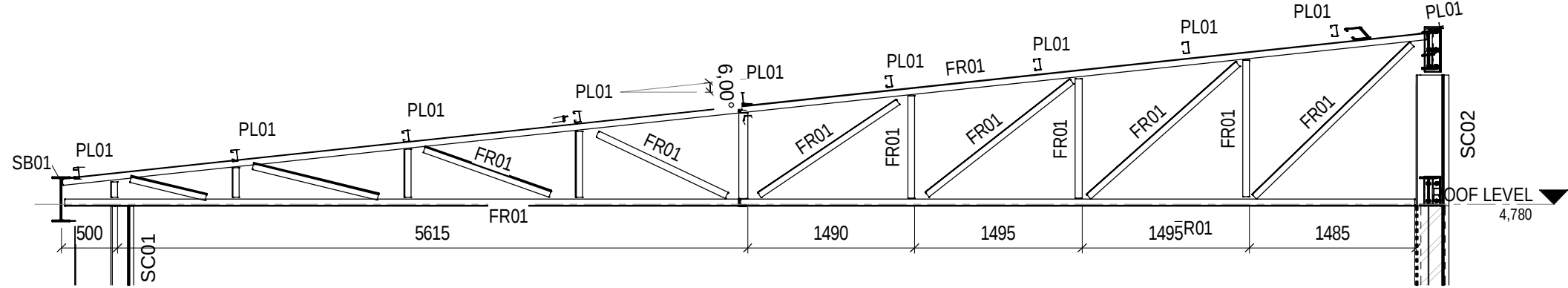
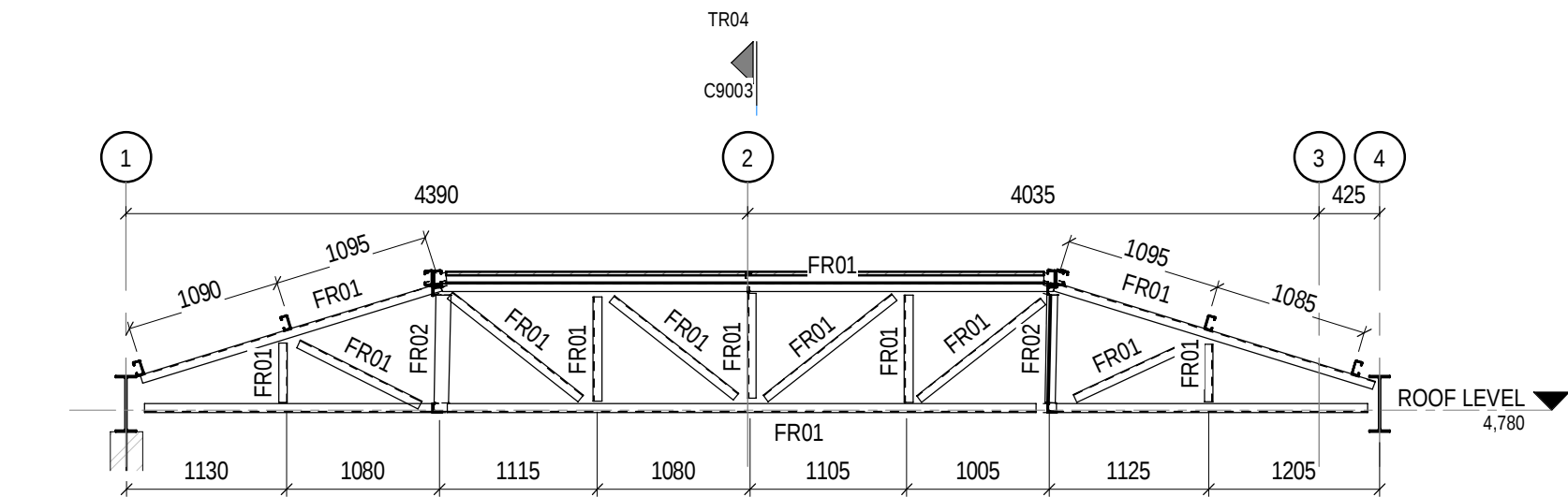
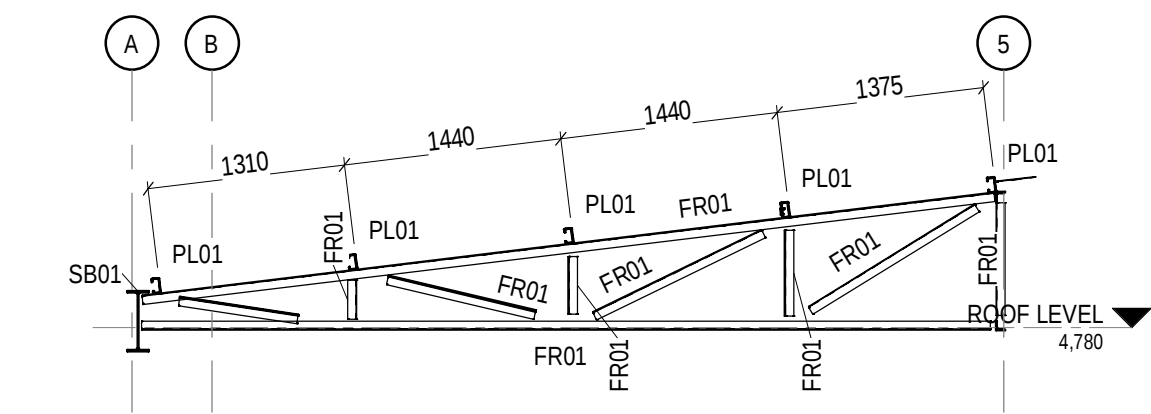
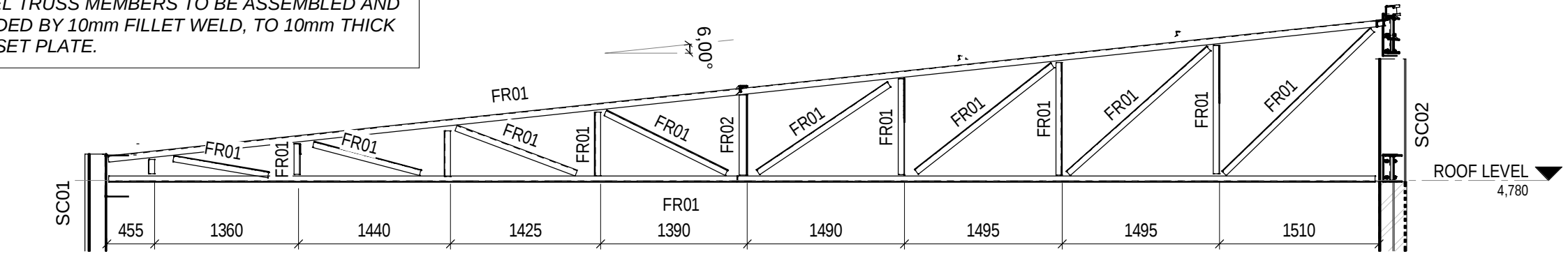
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SCALE

A1

1:50

NOTE:
STEEL TRUSS MEMBERS TO BE ASSEMBLED AND WELDED BY 10mm FILLET WELD, TO 10mm THICK GUSSET PLATE.



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- All dimensions shall be checked on site before preparation of shop drawings commences any discrepancies shall be handed to the engineer for approval.
- Setting out points(S.O.P.S) at member centroids shall conform to those shown on general arrangement drawings . No accentricities , except those shown on the engineer's drawings shall be allowed.
- The proposed method and sequence of erection of the structure shall be submitted to the engineer for written approval .such submission is to take place at the time shop drawing submittal. the contractor shall indicate the proposed method of propping to ensure stability of the structures during erection. such stability during erection remains the contractor responsibility's. where temporary bracing or propping is required, the contractor shall be responsible for the design, erection , manufacture and removal(where necessary) thereof proposal of such bracing or propping shall be submitted to the engineer at an early stage for his perusal.
- Corrosion protection:
 - Cold Rolled Steelwork:
 - Hot dip galvanise to SANS 121 (ISO 1461).
 - Hot Rolled Steelwork - External
 - Shop Applied
 - Abrasive blast to Sa 2½
 - 1st Coat: Zinc rich epoxy primer 75 µm dry film thickness.
 - 2nd Coat: High build epoxy MIO (micaceous iron oxide) 125 µm dry film thickness.
 - Site Applied
 - 3rd Coat: High solid aliphatic polyurethane finish 80 µm dry film thickness.
 - Hot Rolled Steelwork - Internal, Visible
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 - all splices shall develop the full strength of the elements being joined.
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- All shop splices are to be indicated on drawings
- Where applicable,non-shrink grout shall be provided under base plates before any primary loads are applied to the structure.
- The contractor shall, at the commencement of the project , acquaint himself with the availability and delivery time of the products and steel profiles specified on the drawings so that such material can be ordered well in advance.
- where slotted holes for bolts occur, the nut shall be hand tightened and lock-nut be provided unless noted otherwise.
- All hot rolled steelwork shall be grade S355JR, all hollow tube steelwork shall be grade S355JR and all cold formed steelwork shall be grade S355JR.
- All fixing bolts for structural steelwork shall be M20 grade 8.8 unless noted otherwise.
- Paint specifiacatoin for the bolts: 3 days before the erection of the structural steelwork all bolts to be cleaned and decreased within 2 days of erection.all bolts are to be coated with 1 coat of sigmadur gloss or equivalent.
- See architectural drawings for final colour of structural steelwork (paint sample to be submitted for approval)
- All welds shall be 6mm continuous fillet welds unless noted otherwise.
- When steelwork connects to existing structures, the steelwork contractor shall check all site dimensions and levels before fabrication and erection.
- Traceability of steel.
 - All steel to be marked with the manufacturer's test certificate number to ensure full traceability and to facilitate re-use of the steel members.
- Marking steelwork.
 - Completed components shall be marked with a durable and distinguishing erection mark, section size, steel grade and manufacturer's test certificate number in such a way so as not to damage the component. Marking shall be in a discrete location. Hardstamping may be used unless noted otherwise.

4.0 STRUCTURAL STEEL NOTES

- Finishing of structural steelwork to be carefully inspected .inspect each coat for misses and carry out dry film thickness(DFT) testing. no single DFT reading may be less than the minimum or greater than the maximum. the mean of the reading shall be equal or exceed the nominal. all critical areas , edges , welds etc. to be given extra stripe coats to be in contrasting shades. all work to comply with project quality requirements requirements and general preamble.
- No flame cutting of holes allowed
- The contractor shall submit the following to the engineer
 - certificates of coded welders
 - weld procedures specifications(WPS)
 - procedure planning specification(PPS) indicating inspection benchmarks
- Sheeting.
 - The design and the responsibility for the sheeting, it's fixing systems and the flashings are those of the sheeting contractor. The sheeting contractor must provide a watertight system that can withstand all the necessary wind pressures. Where the requirements of the proprietary sheeting system are inconsistent with the primary support structure, this must be brought to the attention of the Structural Engineer.All roof and side cladding to be as per architect specification and to be done to SANS: 1200 HB.Cladding contractor to ensure that purlins and girts remain straight during installation of cladding and insulation.
- All gusset plates and stiffeners to be 10 mm thick unless noted otherwise.
- Steel contractor to provide safe erection method statement to be submitted with shop drawings.

NOTES

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- ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 10400 NATIONAL BUILDING REGULATIONS

ISSUED FOR TENDER

FRAMING SCHEDULE	
TYPE MARK	TYPE
	100x75x6 L
	60x60x6 L
FR01	60x60x6 L
FR02	80x80x6 L
PL01	100x50x20x3.0 CFLC
SB01	406x140x39 UB
SB02	254x146x37 UB
SB03	IPE 200
SB04	203x203x52 UC
SG01	40x40x5 L
COLUMN SCHEDULE	
TYPE MARK	TYPE
SC01	152x152x37 UC
SC03	230x90 PFC
SC02	254x146x37 UB
CC01	350x450 RC COLUMN

ISSUE / REVISION

IR	DATE	DESCRIPTION	ISS BY
0	2023-02-03	ISSUED FOR PRELIMINARY	

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PROJECT

CONSTRUCTION OF COVERING FOR
"BOMBED CLINIC AND CREAT AN EXHIBITION
AT MAMA WINNIE MADIKIZELA HOUSE AT
BRANDFORT"

DRAWING TITLE

BUILDING & TRUSS ELEVATION

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
T.MUDAU	C.ZONDI	T.MUDAU	DATE

PROFESSIONAL APPROVAL

ENGINEER:	T.MUDAU	PR REG. NO :	PROF REG. NO
SIGNATURE:		DATE:	YYYY-MM-DD

DISCIPLINE

STRUCTURES

DRAWING NUMBER

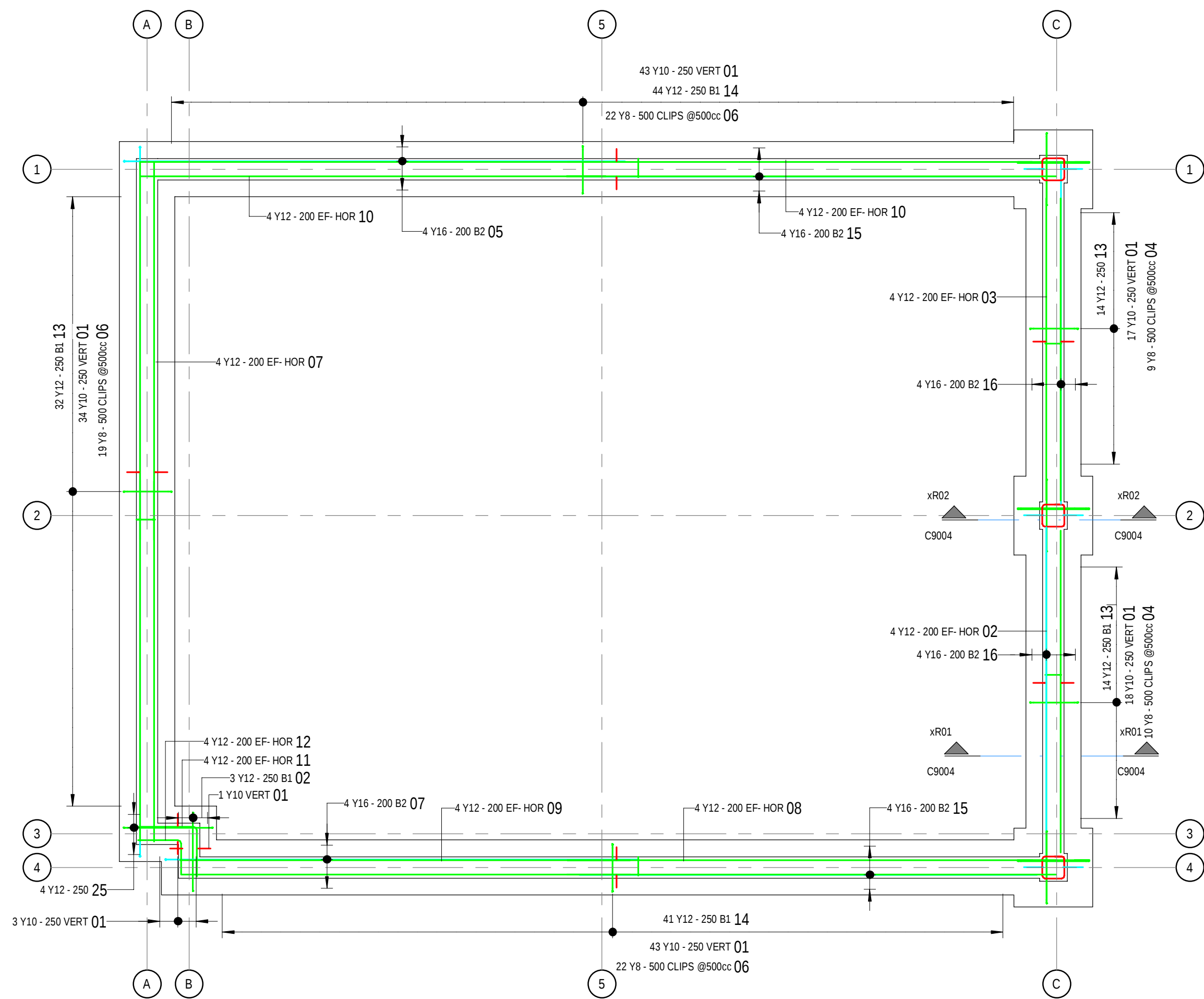
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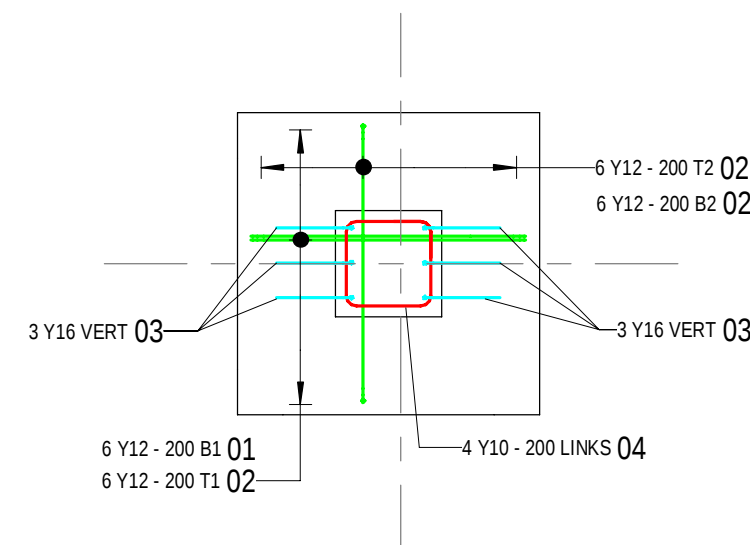
SCALE

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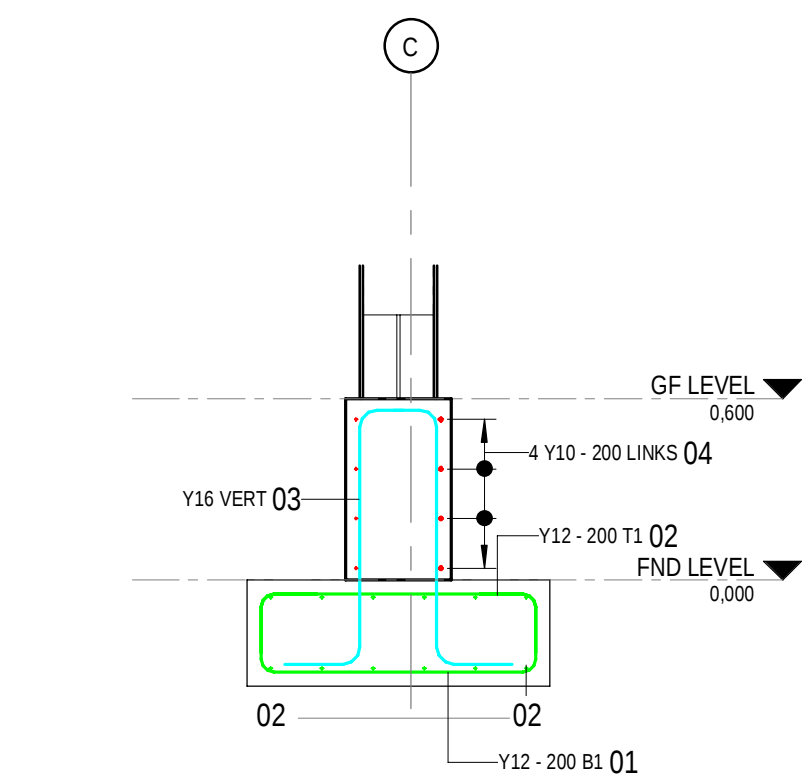


1 FOUNDATION LAYOUT
SCALE 1:50

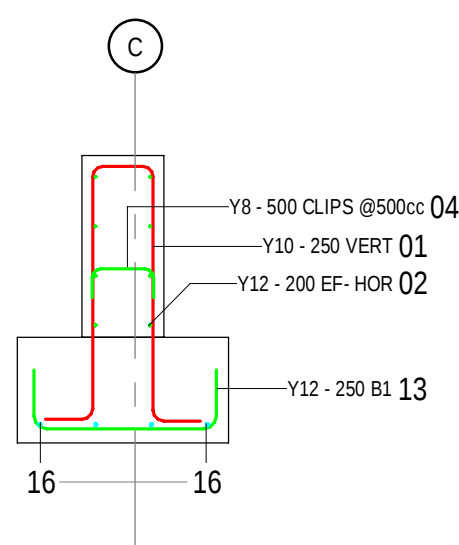


1000x1000x350 BASE & STUB REBAR
SCALE 1:25

BASE & STUB REBAR SCHEDULE												
MEMBER		MARK	TYPE	NUMBER		LENGTH	SHAPE CODE	A (mm)	B (mm)	C (mm)	D (mm)	E/R (mm)
NAME	NUM			ELEMENT	TOTAL							
BASE & STUB REBAR	3	01	Y12	6	18	1720	55	190	270	920	270	190
BASE & STUB REBAR	3	02	Y12	18	54	1260	38	200	920	200	0	0
BASE & STUB REBAR	3	03	Y16	6	18	1180	54	150	855	255	0	0
BASE & STUB REBAR	3	04	Y10	4	12	1290	60	290	290	0	0	0



BASE REBAR SECTION
SCALE 1:25



TYPICAL REBAR SECTION
SCALE 1:25

STRIP FOOTING REBAR SCHEDULE												
MEMBER		MARK	TYPE	NUMBER		LENGTH	SHAPE CODE	A (mm)	B (mm)	C (mm)	D (mm)	E/R (mm)
NAME	NUM			ELEMENT	TOTAL							
S.F REBAR	1	02	Y12	3	3	1340	38	200	1005	200	0	0
S.F REBAR	1	05	Y16	4	4	6510	37	6350	200	0	0	0
S.F REBAR	1	07	Y16	4	4	6210	37	6000	250	0	0	0
S.F REBAR	1	10	Y16	4	4	9330	38	200	9005	200	0	0
S.F REBAR	2	13	Y12	30	60	950	38	200	615	200	0	0
S.F REBAR	2	14	Y12	42.5	85	950	38	200	610	200	0	0
S.F REBAR	2	15	Y16	4	8	5800	20	5800	0	0	0	0
S.F REBAR	1	16	Y16	8	8	4300	20	4300	0	0	0	0
S.F REBAR	1	25	Y12	4	4	1470	38	200	1135	200	0	0

RC WALL REBAR SCHEDULE												
MEMBER		MARK	TYPE	NUMBER		LENGTH	SHAPE CODE	A (mm)	B (mm)	C (mm)	D (mm)	E/R (mm)
NAME	NUM			ELEMENT	TOTAL							
270 RC WALL REBAR	6	01	Y10	26,5	159	2130	53	160	850	210	845	160
270 RC WALL REBAR	1	02	Y12	8	8	4080	20	4080	0	0	0	0
270 RC WALL REBAR	1	03	Y12	8	8	3830	20	3830	0	0	0	0
270 RC WALL REBAR	2	04	Y8	9,5	19	370	38	100	210	100	0	0
270 RC WALL REBAR	1	05	Y12	8	8	4570	20	4570	0	0	0	0
270 RC WALL REBAR	3	06	Y8	21	63	400	38	100	245	100	0	0
270 RC WALL REBAR	1	07	Y12	8	8	4780	20	4780	0	0	0	0
270 RC WALL REBAR	2	08	Y12	6	12	6200	20	6200	0	0	0	0
270 RC WALL REBAR	1	09	Y12	8	8	5700	20	5700	0	0	0	0
270 RC WALL REBAR	1	10	Y12	12	12	5890	20	5890	0	0	0	0
270 RC WALL REBAR	1	11	Y12	4	4	1360	37	750	635	0	0	0
270 RC WALL REBAR	1	12	Y12	4	4	960	37	550	435	0	0	0

5.0 BRICKWORK NOTES

- All brickwork to comply with the NBR, SANS 10400 and SANS 10164 parts 1 & 2.
- All burnt clay bricks to comply with SANS 227 and all concrete bricks to comply with SANS 1215.
- No chases vertical or horizontal (for plumbing /electrical) are permitted without approval from the engineer.
- Mortar shall be class II unless noted otherwise and shall comply with SANS 10164 and SANS 10249. Sand used in mortar to comply with SANS 1090.
- Brickforce to be used in every 4th course with a minimum lap of 150 mm.
- Wall ties to comply with SANS 28 and to be a minimum 3.5mm thick, galvanised (750g/m²) and provided at not less than 3 no. per square metre. (Plastic ties do not need to be galvanised).
- Clay bricks to be wetted before laying and in hot conditions to be stored under shade. Concrete bricks not to be wetted before laying.
- Vertical movement joints, burnt clay units:
Cat
1 16
2 12
3 8
- Vertical Movement joints (10-12mm joints) in concrete units not to exceed 10 m centres.
- Days between firing and laying for burnt clay units:
Cat Days
1 100
2 200
3 200
- Brick selection to be confirmed by the Engineer before procurement.
- Placement of movement joints to be confirmed by the Engineer prior to construction.
- Loadbearing Brickwork**
- Minimum compressive strength of bricks - 14 MPa.
- Concrete slabs cast onto brickwork to be cast on 2 no. layers of tempered hardboard with the smooth faces together.
- Concrete slabs cast against twk shall be cast against 13mm thick bitumen impregnated softboard or expanded poly-ethylene strips.
- Mortar to be independently tested for conformity with SANS 10164.
- Cavity Walls**
- Cavity to be kept free of debris and mortar and ties to be cleaned of mortar droppings. Openings to be provided at max. 1000 mm centres directly above DPC by leaving perpend joints open for approximately 50 mm.

- No crimp ties to be used in cavity wall construction.
- Minimum cavity width 50 mm, maximum cavity width 110 mm.
- Wall ties to conform with SANS 10164 - 1: 1980 section 5.2.1.4
- Non-Loadbearing Brickwork**
- Infill brickwork to have a 20mm gap at slab soffit level.
- Lintels**
- All lintels to be prestressed precast concrete and are to comply with SANS 1504.
- Lintels shall be constructed in accordance with SANS 10400-K: 2011.
- Minimum bearing for lintel spans less than 2.5 m is 250 mm. Minimum bearing for lintel spans greater than 2.5 m is 350 mm.
- Lintels are to be propped at 1 m centres for a minimum of 7 days.
- Movement Joints**
- The contractor is to provide vertical movement joints as follows:
a) On either side of openings exceeding 1.8 m in width.
b) Vertical movement joint spacing using burnt clay units:
Category Maximum Spacing (m)
I 16
II 12
III 8

- Vertical movement joints in concrete units not to exceed 10 m centres.
- Horizontal movement joints not to exceed 9 m centres.
- A horizontal movement joint may be excluded on buildings with the roof apex less than 12 m high.
- Placement of movement joints to be confirmed by the engineer prior to construction.

0.0 GENERAL NOTES.

- The contractor to keep a full set of drawings on site.
- Dimensions and levels must not be scaled or assumed.After notification, discrepancies or missing dimensions and levels will be corrected in writing by the engineer.
- All work shall be executed in strict accordance with the applicable parts of the latest edition of SANS 10400, SANS 2001, SANS 1200, the OSH Act and the project specification in the contract documents.
- The contractor shall check all project dimensions on site beforehand,any discrepancies shall be immediately reported to the engineer.
- All SANS specifications mentioned in the notes,on the drawings and in project specifications shall be available on site at all times in hard copy format.
- All instructions from the engineer to be written in the site instruction book,that shouldbe provided by the contractor.
- Products different to those specified may be used with the engineer's prior approval.
- Unless otherwise indicated on drawings, all waterproofing,drainage falls and finishes are according to the architect details and specifications.
- The contractor shall disclose his proposed building sequence in board terms before site establishment.
- Any deviations from the construction drawings planned by the contractor shall be proposed to the engineer in full detail for a decision. The engineer is under no obligation to approve such deviations,but if approved,the approval shall be in writing.
- Refer to all relevant drawings by:-
Architects Structural Engineers
Electrical Engineers Mechanical Engineers
- All columns, walls and beams to be placed centrally on grid/ centre lines unless dimensioned otherwise.
- It is the contractor's responsibility to ensure that he understands and complies with all relevant engineering drawings and specifications and is adequately experienced to undertake all aspects of the work safely.
- The contractor is to comply at all times with all relevant municipal regulations and bylaws in the area of the site and is to ensure that he has a set of approved building plans on site at all times
- All products specified for use are to be used strictly according to to manufacturer's instructions and specifications at all times.
- Should the engineer be required on site,48 hrs notice should be requested in writing,failure to do so,the engineer will not be held responsible for any delays or cost implications.
- In case of the field engineering queries to the engineer, in writing. The contractor shall have a proposed sulation and sufficient digital photographs to show the problem.

1.0 CONCRETE NOTES.

- All concrete/reinforcement work shall be done in accordance with SANS 2001-CC1:2012
- Concrete to be NPC PRO TEC CEM III/A 32.5N (55% Portland cement replacement) or equivalent.
- Concrete strength at 28 days:-
Blinding.....15 Mpa
Foundations.....25 Mpa/19mm
Columns.....30 Mpa/19mm
Surfacebeds.....25 Mpa/19mm
Suspended slabs and beams.....30 Mpa/19mm
- Concrete Cover to reinforcement :-
Foundations.....50mm
Columns.....40mm
Surfacebeds.....50mm
Suspended slabs and beams.....30mm
Retaining walls.....50mm
- Formwork classification to:-

Item	Formwork Type	Degree of Accuracy
Concealed surface	Rough	II
Exposed Surface	Smooth(off shutter)	III
- The contractor shall,prior to commencement of the project milestone,submit method statement to the engineer, describing all casting procedures,construction methods,position of construction joints and other aspects on which the engineers approval is required.
- The contractor must co-ordinate all service drawings and positions and openings of sleeves required for stormwater, sewerage, drainage, water supply, electrical mechanical and other services.
- The contractor must obtain permission from the structural engineer before any openings or services which are not indicated on the drawing and may be introduced through any structural element.
- All concrete sizes do not include finishes.
- Concrete mix designs to be submitted to the engineer for approval prior to commencement of work on site.All mix designs, whether prescribed or not, to be proven by means of trial mix or reliable previous results and to be agreed by engineer in writing before any concrete is cast, aggregates to comply with SANS 2001:CC1 clause 4.2.3. aggrement of the mix design by engineer does not relieve the contractor from meeting any of the specified performance criteria.

Specification for concrete mix designs.
* Sand : to comply with SANS 1083: 2006
* Admixtures : None,except agreed or specified by the engineer.
* Agregate size : 19 mm.
- 25x25 chamfers to all exposed visible concrete corners in collaboration with the architect. No chamfers on columns tying into breakwork.
- No in-situ concrete to be cast without prior approval from engineer.
- Cover blocks shall be as specified in cl 4.4.2.3 of SANS 2001-CC1:2012. The compressive strength of concrete spacers shall be equal to or higher than that of the structural element in which they are used,the size and fixing method of cover blocks shall be discussed in advance with the engineer.No plastic cover blocks are to be used in any structural element.

NOTES

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PROJECT

CONSTRUCTION OF COVERING FOR
"BOMBED CLINIC AND CREAT AN EXHIBITION
AT MAMA WINNIE MADIKIZELA HOUSE AT
BRANDFORT"

DRAWING TITLE

REINFORCEMENT LAYOUT,
FIXING DETAILS &
SCHEDULES

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
T.MUDAU	C.ZONDI	T.MUDAU	DATE

PROFESSIONAL APPROVAL

ENGINEER: T.MUDAU PR REG. No :
SIGNATURE: DATE:

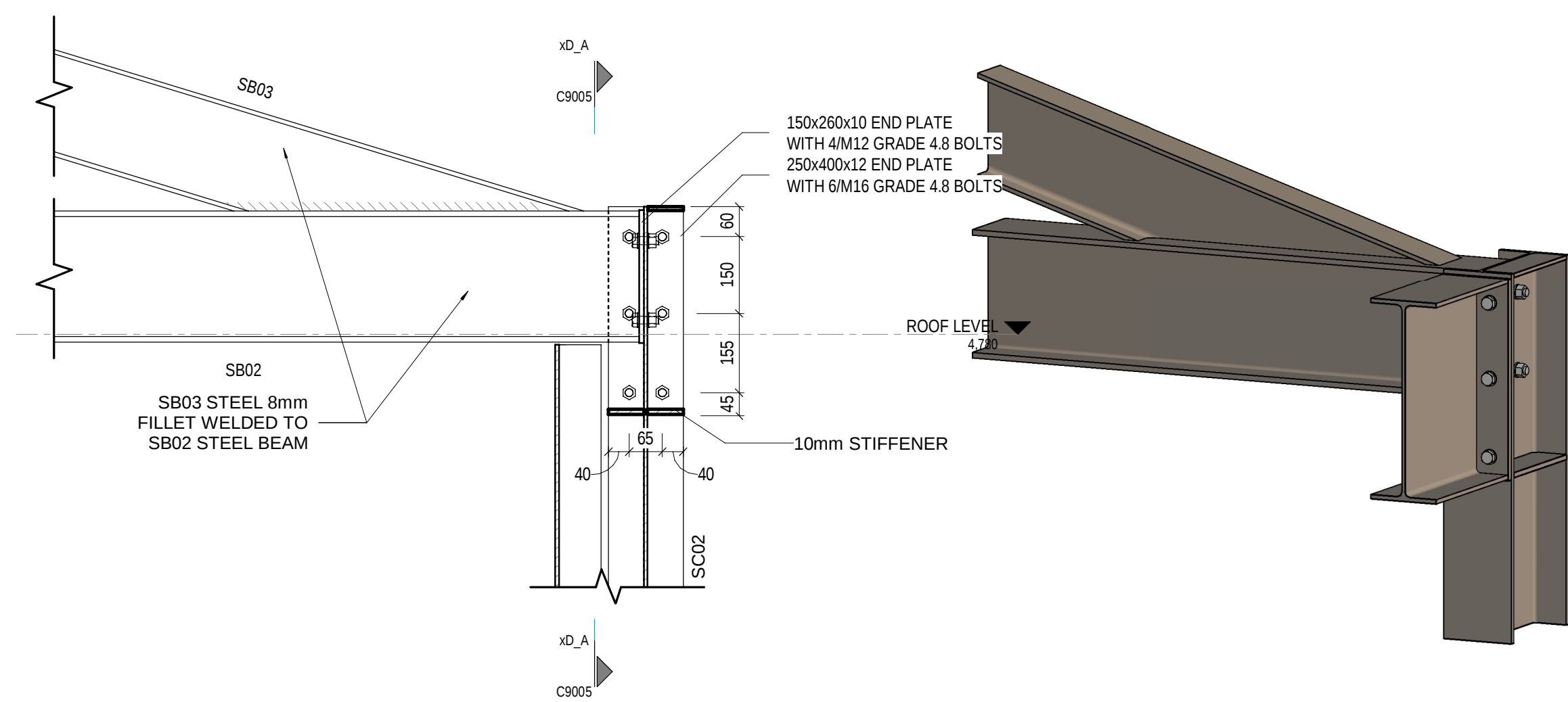
DISCIPLINE

STRUCTURES

DRAWING NUMBER

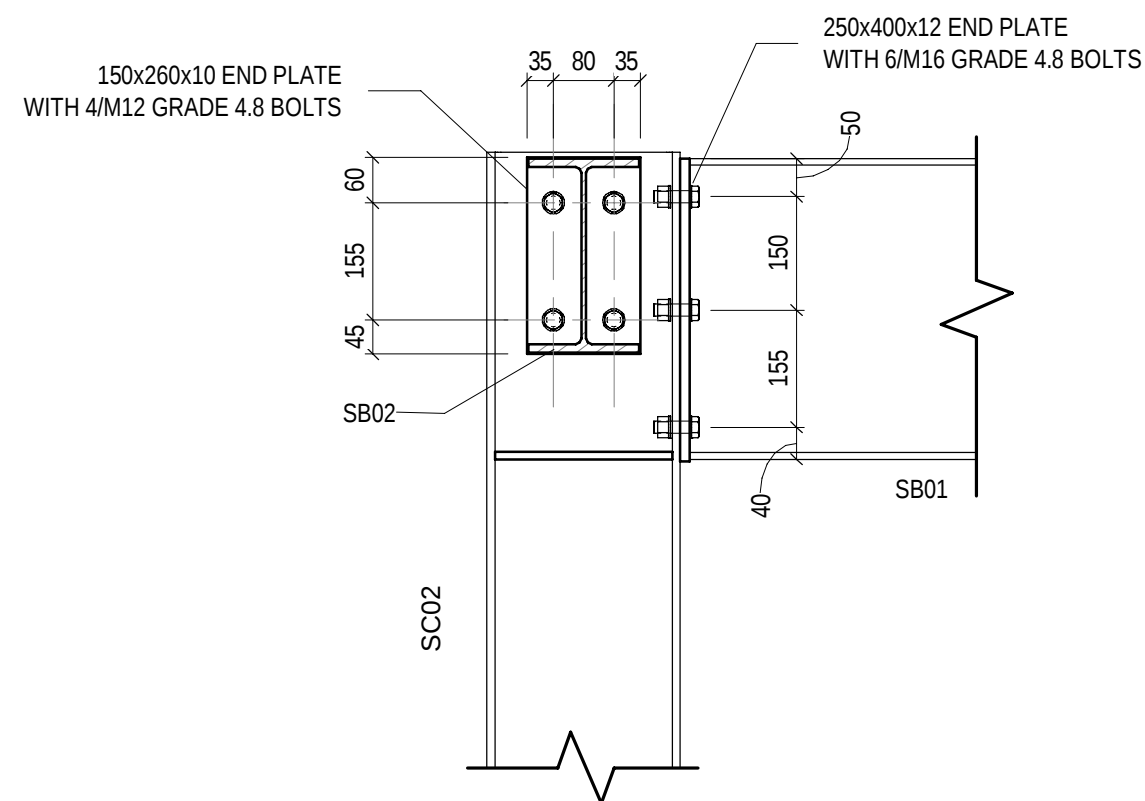
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SIST	WINNIE	SE	C9004	T	0

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT
SCALE As indicated

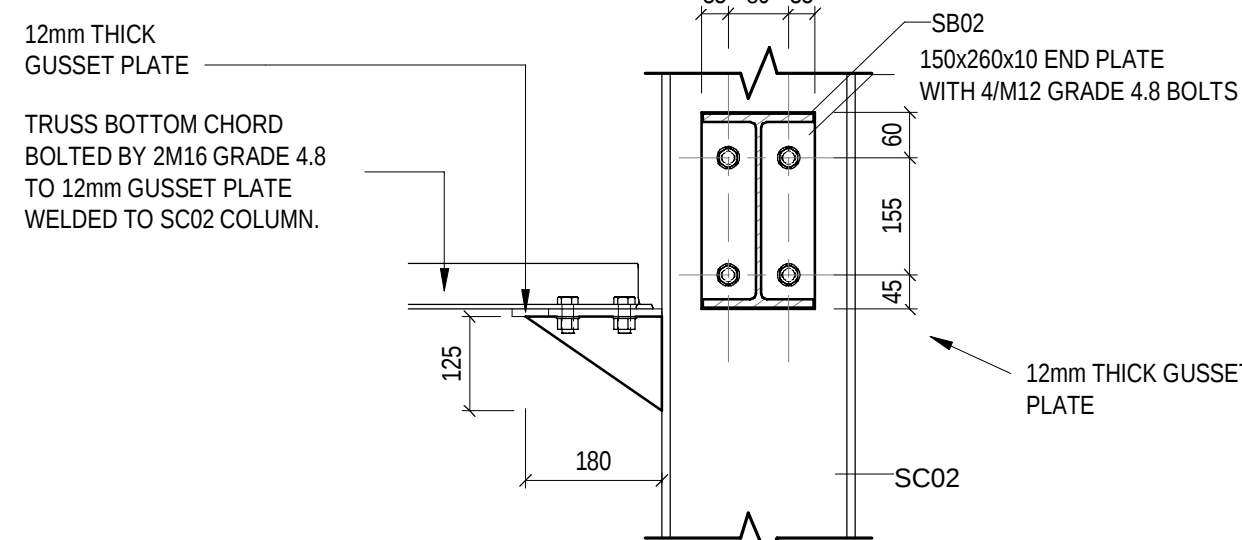


D_A CONNECTION DETAIL A
C9005 SCALE 1:10

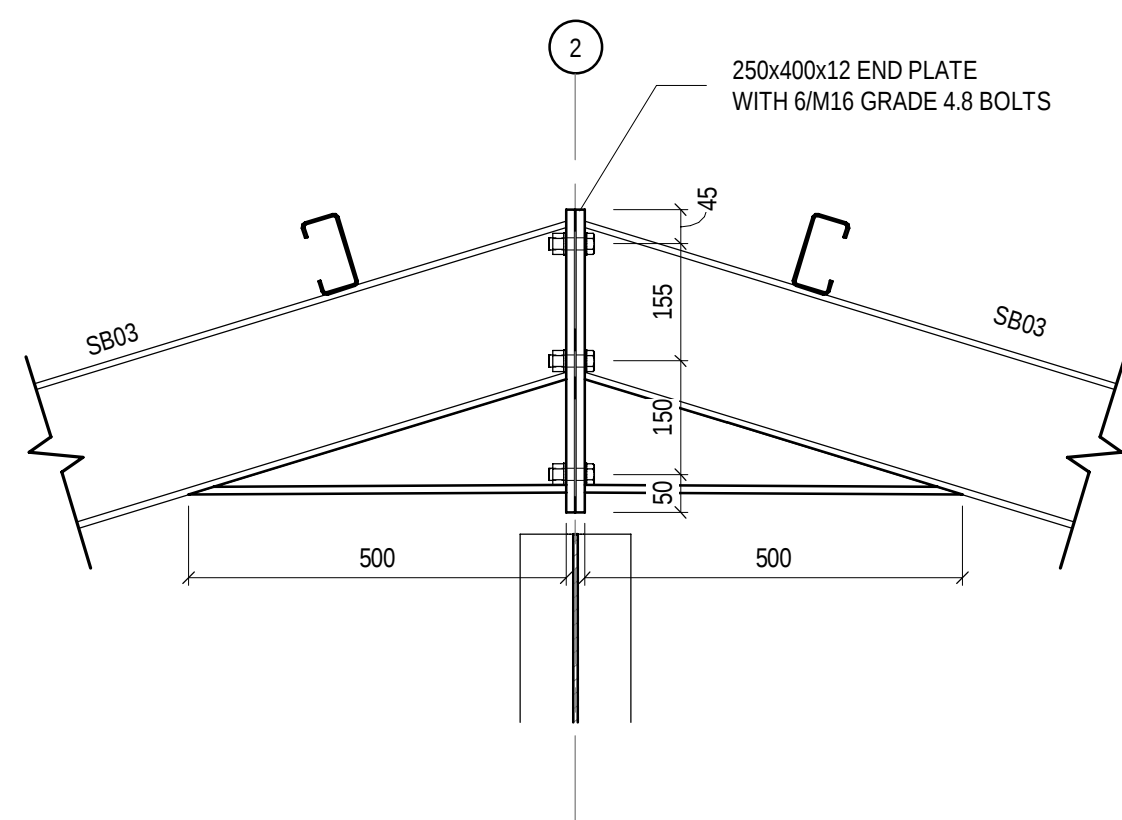
3D VIEW D_A
SCALE



xD_A SECTION D_A
C9005 SCALE 1:10

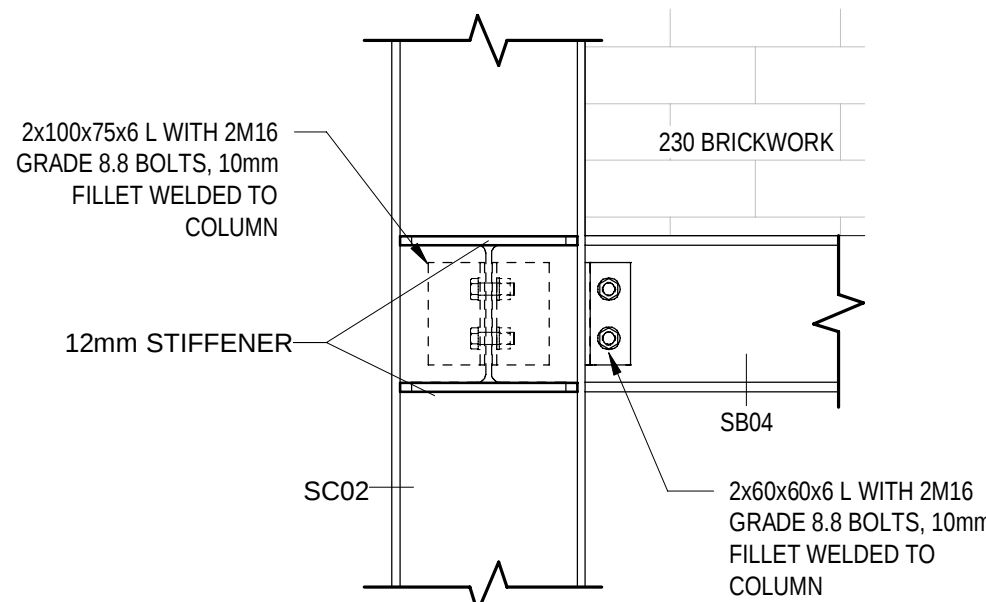


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C9005 SCALE 1:10

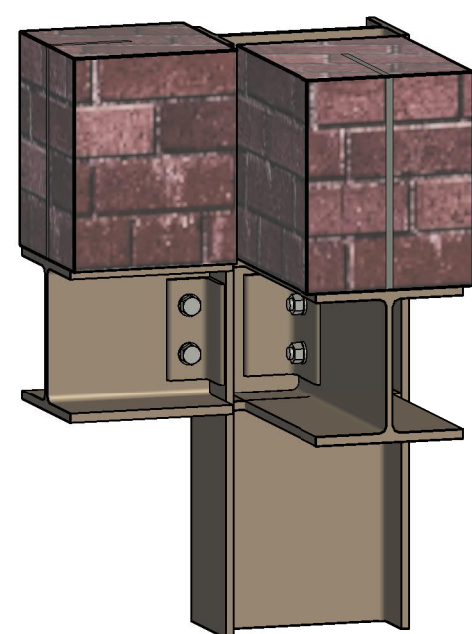


D_C CONNECTION DETAIL C
C9005 SCALE 1:10

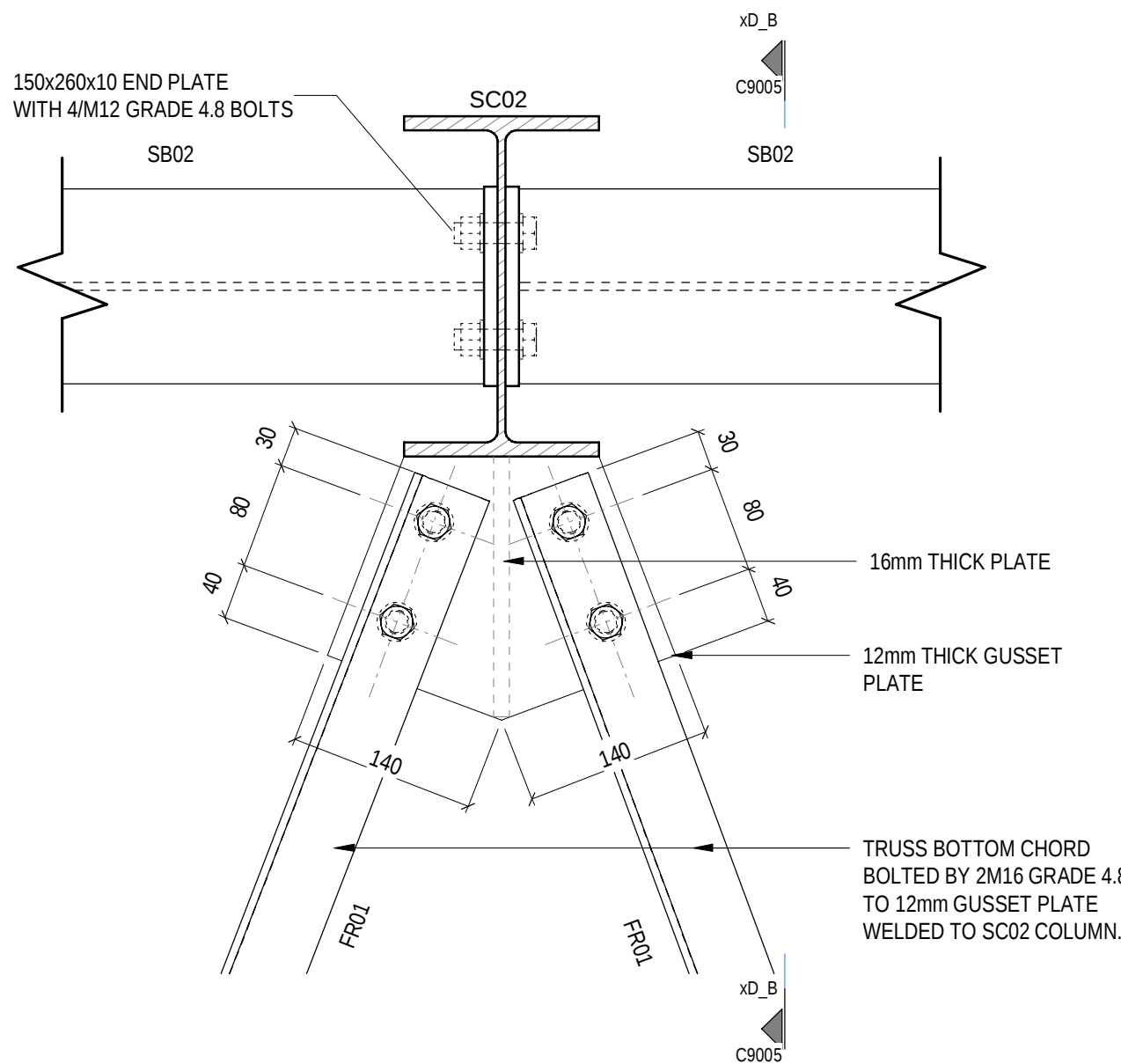
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SCALE



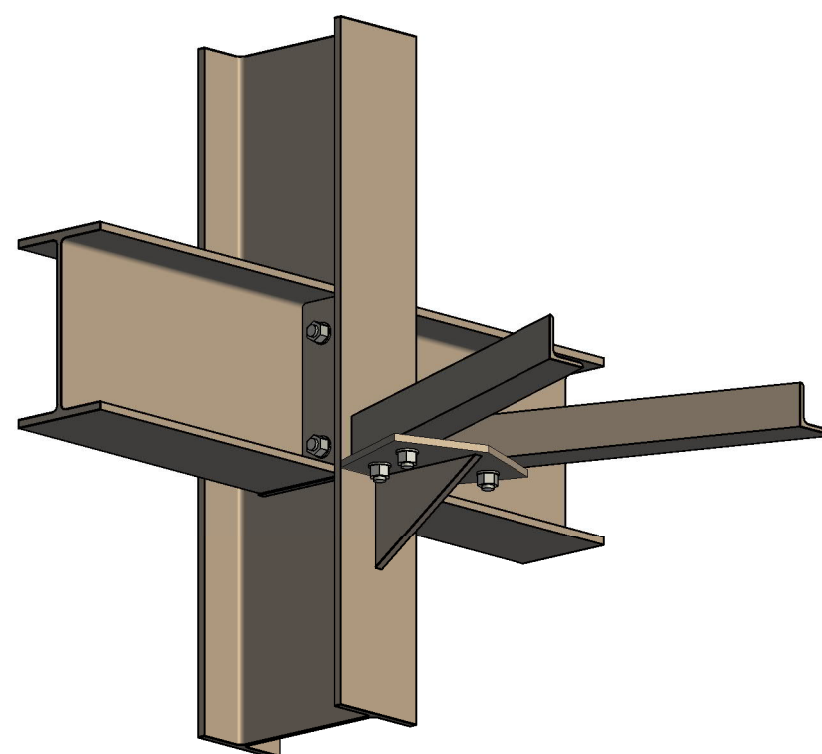
xD_D CONNECTION DETAIL D
C9005 SCALE 1:10



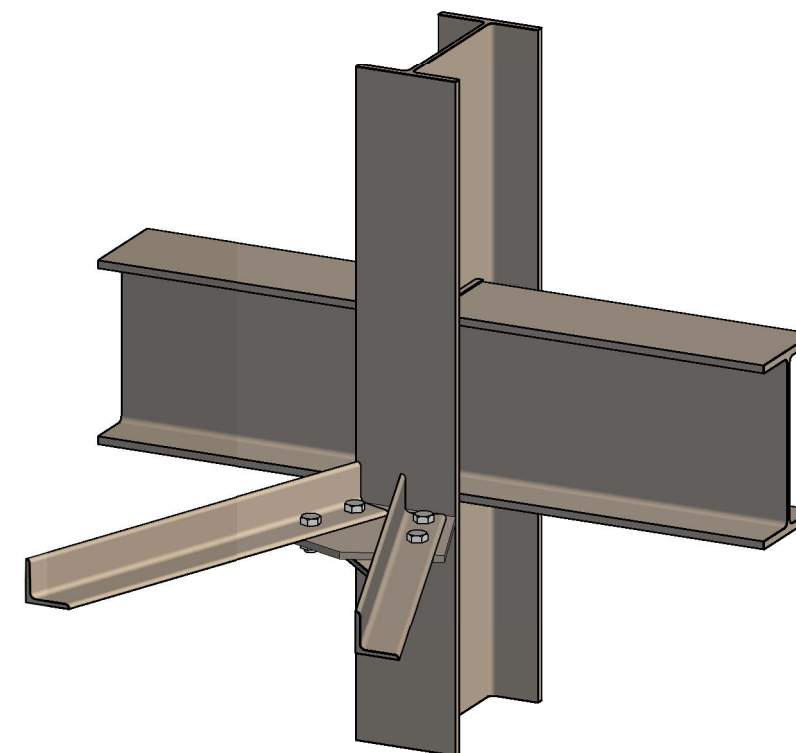
3D VIEW D-D
SCALE



2 CONNECTION DETAIL B
C9005 SCALE 1:5



3D VIEW 1 D_B
SCALE



3D VIEW 2 D_B
SCALE

4.0 STRUCTURAL STEEL NOTES

- Structural steelwork shall comply with the requirements of SANS 2001:CSI, SANS 1200H:1990 and the relevant project specifications.
- The engineer's drawings are intended as design drawings with the purpose of showing the design intent.
- The contractor shall prepare complete fabrication drawings (Clause 4.2.4 of SANS : CS1) which shall be submitted to the engineer for approval before fabrication commences. The contractor allow 14 working days for checking and approval by the engineer, and shall also allow for any changes required by the engineer.
- A certificate from the steel manufacture in which the grade of the structural steel is verified shall be handed to the engineer for approval.
- All dimensions shall be checked on site before preparation of shop drawings commences. Any discrepancies shall be handed to the engineer for approval.
- Setting out points (S.O.P.S) at member centroids shall conform to those shown on general arrangement drawings. No eccentricities, except those shown on the engineer's drawings shall be allowed.
- The proposed method and sequence of erection of the structure shall be submitted to the engineer for written approval. Such submission is to take place at the time shop drawing submittal. The contractor shall indicate the proposed method of propping to ensure stability of the structures during erection. Such stability during erection remains the contractor responsibility's. Where temporary bracing or propping is required, the contractor shall be responsible for the design, erection, manufacture and removal (where necessary) thereof. Proposal of such bracing or propping shall be submitted to the engineer at an early stage for his perusal.
- Corrosion protection:
 - Cold Rolled Steelwork
 - Hot dip galvanise to SANS 121 (ISO 1461).
 - Hot Rolled Steelwork - External
 - Shop Applied
 - Abrasive blast to Sa 2½
 - 1st Coat: Zinc rich epoxy primer 75 µm dry film thickness.
 - 2nd Coat: High build epoxy MIO (micaceous iron oxide) 125 µm dry film thickness.
 - Site Applied
 - 3rd Coat: High solid aliphatic polyurethane finish 80 µm dry film thickness.
 - Hot Rolled Steelwork - Internal, Visible
 - Shop Applied
 - Abrasive blast to Sa 2½
 - 1st Coat: High solid zinc phosphate primer 80 µm dry film thickness.
 - Site Applied
 - 2nd Coat: High build recoatable epoxy MIO (micaceous iron oxide) 120 µm dry film thickness.
 - Hot Rolled Steelwork - Internal, Hidden
 - Hot dip galvanise to SANS 121 (ISO 1461), minimum coating thickness of 70 µm and an average of 85 µm.
 - Where required for fireproofing, intumescent paint is to be applied as specified by the Architect.
 - Preference should be given to the use of paint with a low or no volatile organic compound (VOC) content.
- The contractor shall produce evidence, acceptable to the engineer, that welding, procedures to SANS 2001 - C52, clause 5.2.

- Welds shall conform to SANS 10167:2004, SANS 44:2009 and AWS D1.1 specifications:
 - Where no welds size are shown, the minimum weld size shall be 6 mm. The contractor shall design and detail connections to transfer the full force capacity of the connected members through the connection.
 - When using electric arc welding, all electrodes shall be E7018. For any other welding process to be used, the contractor shall apply in writing, for the approval from the engineer for electrodes to be used.
 - All butt welds shall develop the full strength of the elements being joined.
 - All splices shall develop the full strength of the elements being joined.
 - All welding shall be done by suitably qualified and experienced welders using proper equipment in good condition, no site welding without engineers approval.
 - The contractor shall design all welds and, where necessary, gussets of sufficient strength shall be provided to obtain the required weld length to ensure the full strength of the connection at the connections of all bracing members, the bolt should be adequate to develop the full tensile capacity of the bracing member. All truss and girder members to be welded all round both sides allow for gusset plates to ensure adequate welding length to develop full tensile capacity of members where necessary.

- Testing of welds:
 - 10% of all fillet welds and 100% of butt welds to be subjected to non-destructive testing
- All shop splices are to be indicated on drawings
- Where applicable, non-shrink grout shall be provided under base plates before any primary loads are applied to the structure.
- The contractor shall, at the commencement of the project, acquaint himself with the availability and delivery time of the products and steel profiles specified on the drawings so that such material can be ordered well in advance.
- Where slotted holes for bolts occur, the nut shall be hand tightened and lock-nut be provided unless noted otherwise.
- All hot rolled steelwork shall be grade S355JR, all hollow tube steelwork shall be grade S355JR and all cold formed steelwork shall be grade S355JR.
- All fixing bolts for structural steelwork shall be M20 grade 8.8 unless noted otherwise.
- Paint specification for the bolts: 3 days before the erection of the structural steelwork all bolts to be cleaned and decreased within 2 days of erection. All bolts are to be coated with 1 coat of sigmadur gloss or equivalent.
- See architectural drawings for final colour of structural steelwork (paint sample to be submitted for approval)
- All welds shall be 6mm continuous fillet welds unless noted otherwise.
- When steelwork connects to existing structures, the steelwork contractor shall check all site dimensions and levels before fabrication and erection.

- Traceability of steel.
 - All steel to be marked with the manufacturer's test certificate number to ensure full traceability and to facilitate re-use of the steel members.
- Marking steelwork.
 - Completed components shall be marked with a durable and distinguishing erection mark, section size, steel grade and manufacturer's test certificate number in such a way so as not to damage the component. Marking shall be in a discrete location. Hardstamping may be used unless noted otherwise.

NOTES

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ISSUE / REVISION

IR	DATE	DESCRIPTION	ISS BY
0	2023-07-17	ISSUED FOR PRELIMINARY	

CLIENT



CONSULTANT



PROJECT

CONSTRUCTION OF COVERING FOR
"BOMBED CLINIC AND CREAT AN EXHIBITION
AT MAMA WINNIE MADIKIZELA HOUSE AT
BRANDFORT"

DRAWING TITLE

STRUCTURAL STEEL CONNECTIONS

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
T.M	C.Z	T.M	DATE

PROFESSIONAL APPROVAL

ENGINEER: _____ APPROVAL BY: _____ PR REG. NO: _____ PROF REG. NO: _____
SIGNATURE: _____ DATE: _____ YYYYY-MM-DD

DISCIPLINE

STRUCTURES

DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	WINNIE	SE	C9005	T	0

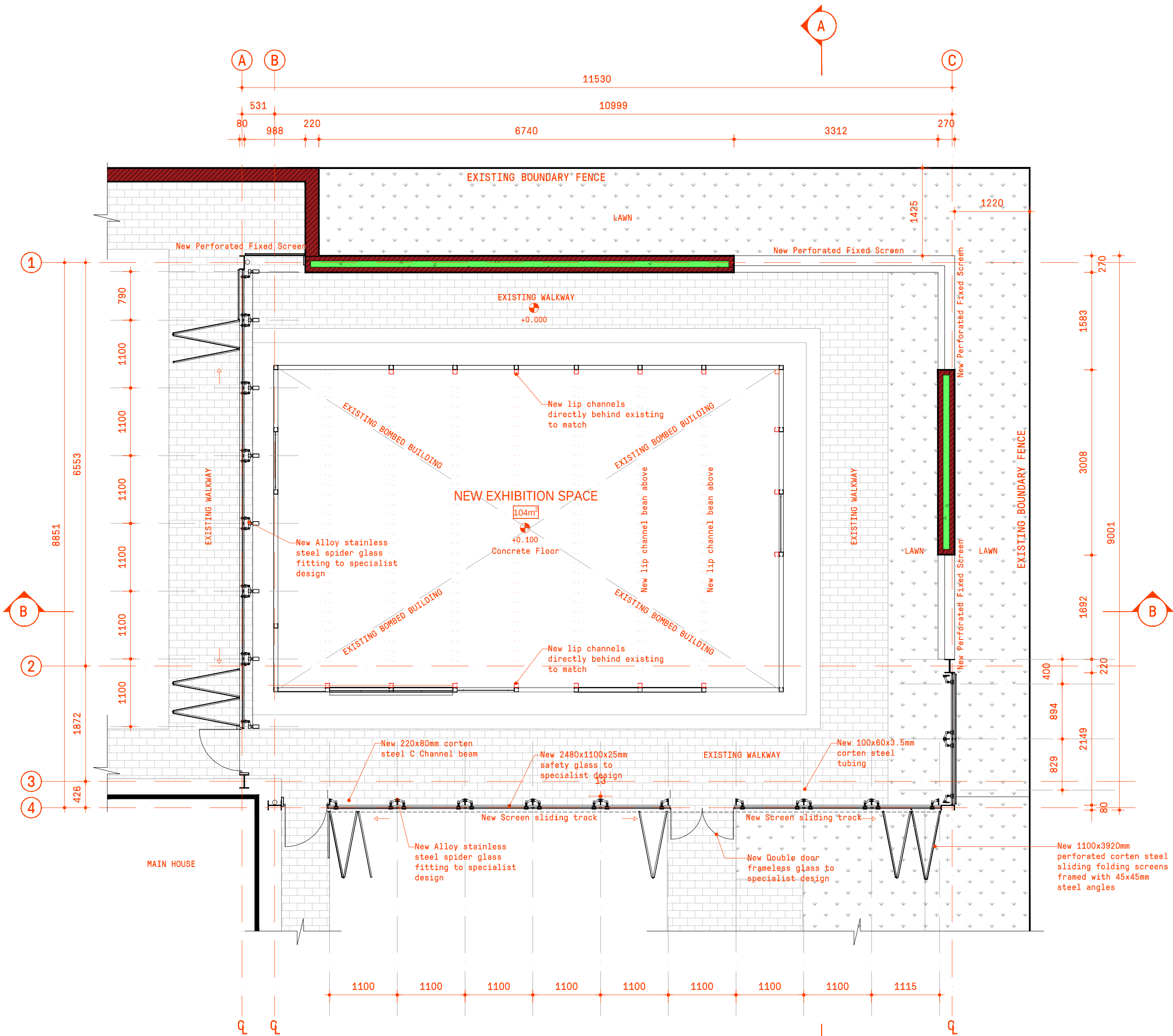
P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT
SCALE
A1
As indicated



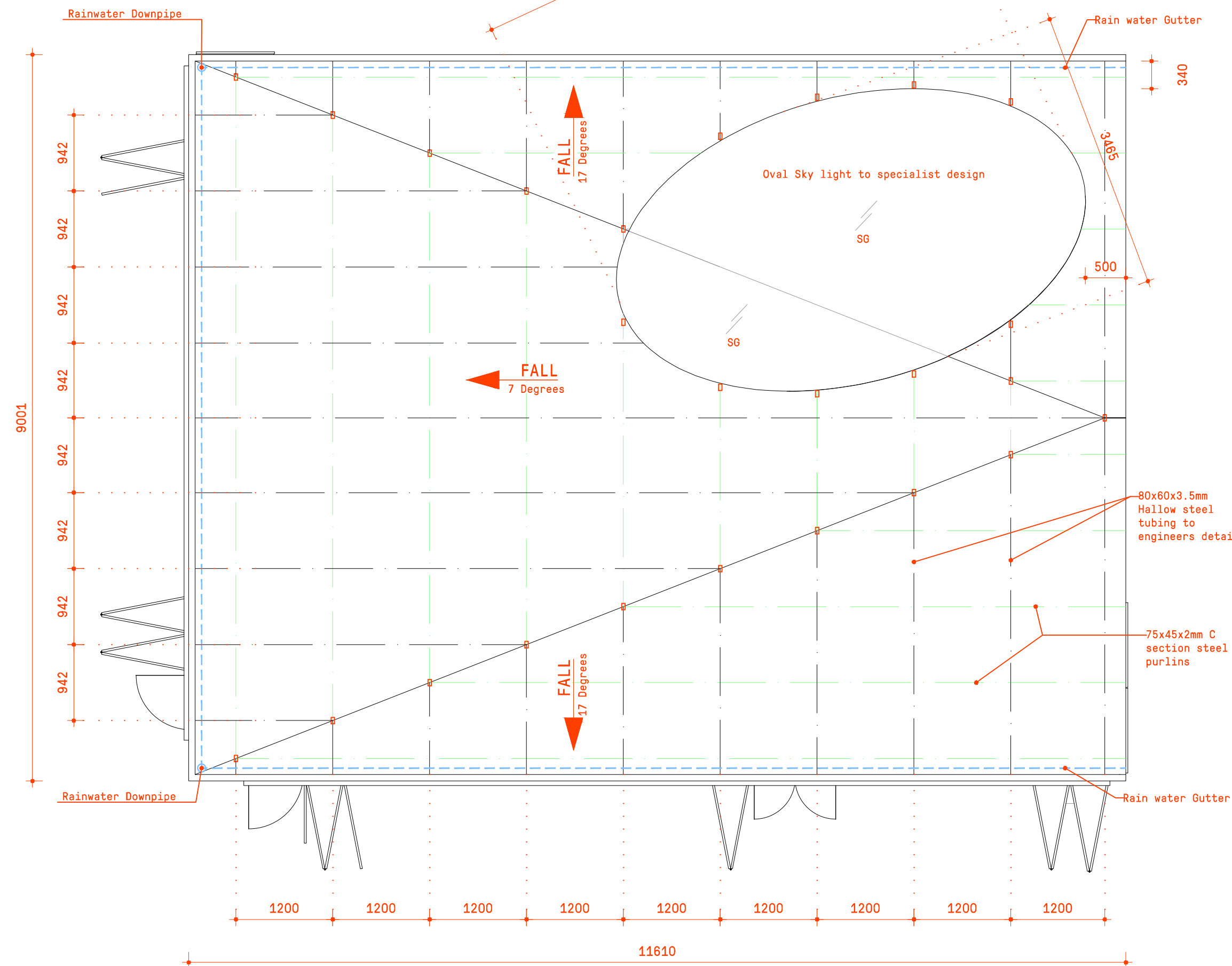
SCALE AS SHOWN

FOR TENDER





1 GROUND FLOOR
SCALE: 1:50



8 ROOF PLAN
SCALE: 1:50

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FOR
TENDER

ISSUE/REVISION

I/R	DATE	DESCRIPTION	ISS BY

CLIENT



CONSULTANT



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P.O BOX DURBAN, 3630
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TEL : +27 31 003 2984
www.sistengineers.co.za
Email : admin@sistengineers.co.za

PROJECT

CONSTRUCTION OF COVERING FOR BOMBED
CLINIC AND CREATE AN EXHIBITION AT MAMA
WINNIE MADIKIZELA MANDELA HOUSE IN
BRANDFORT

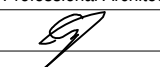
DRAWING TITLE

FLOOR PLAN & ROOF
PLAN

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
SIYA MANYONI	SIYA MANYONI	TALU MUDAU	04/09/2023

PROFESSIONAL APPROVAL

ARCHITECT: Professional Architect PR REG. No: PrArch49324416
SIGNATURE:  DATE: 04/09/2023

DISCIPLINE

ARCHITECTURAL

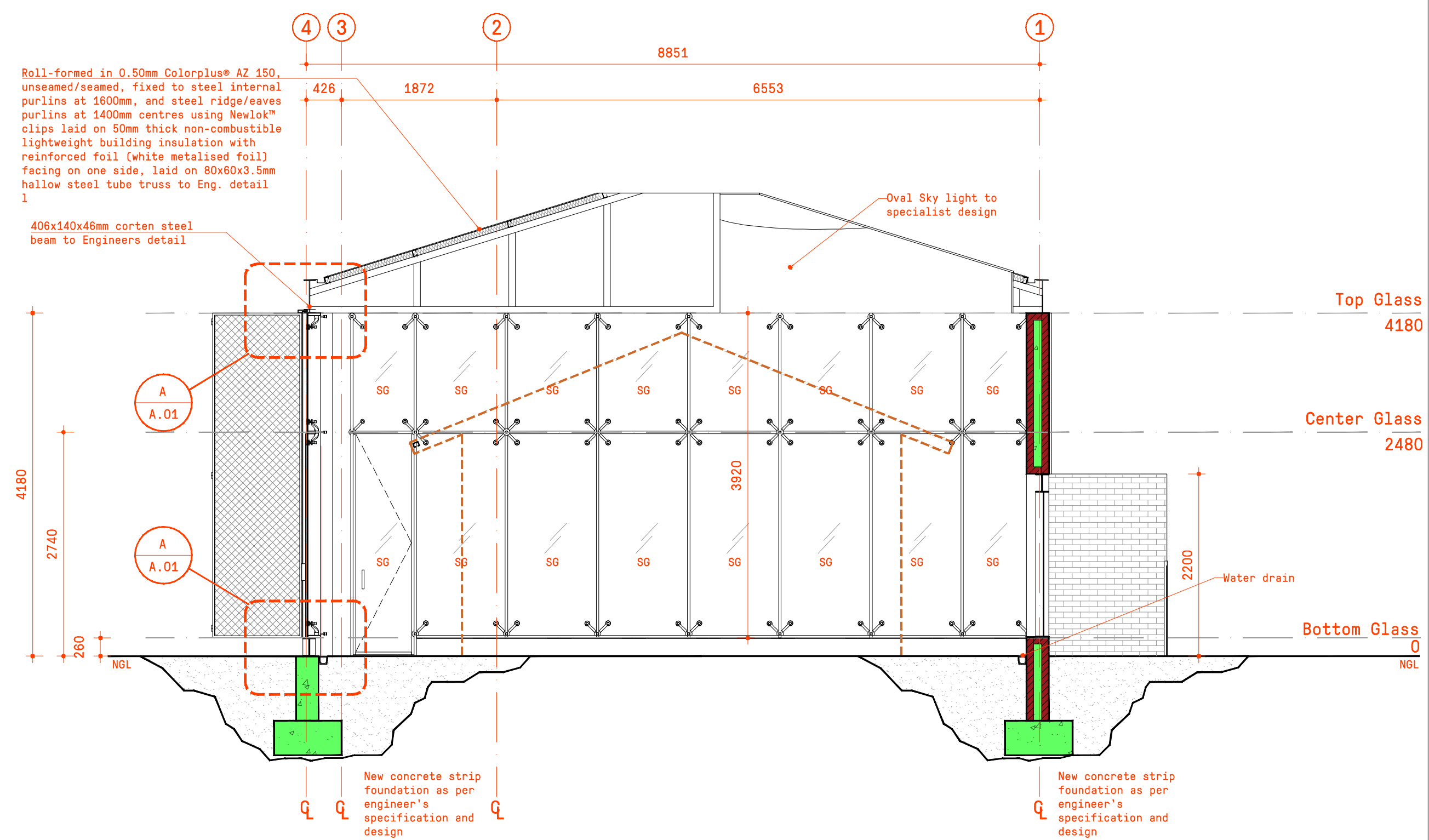
DRAWING NUMBER

ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT	REV
SIST	WINNIE	ARCH	WNN01	T	00

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS BUILT

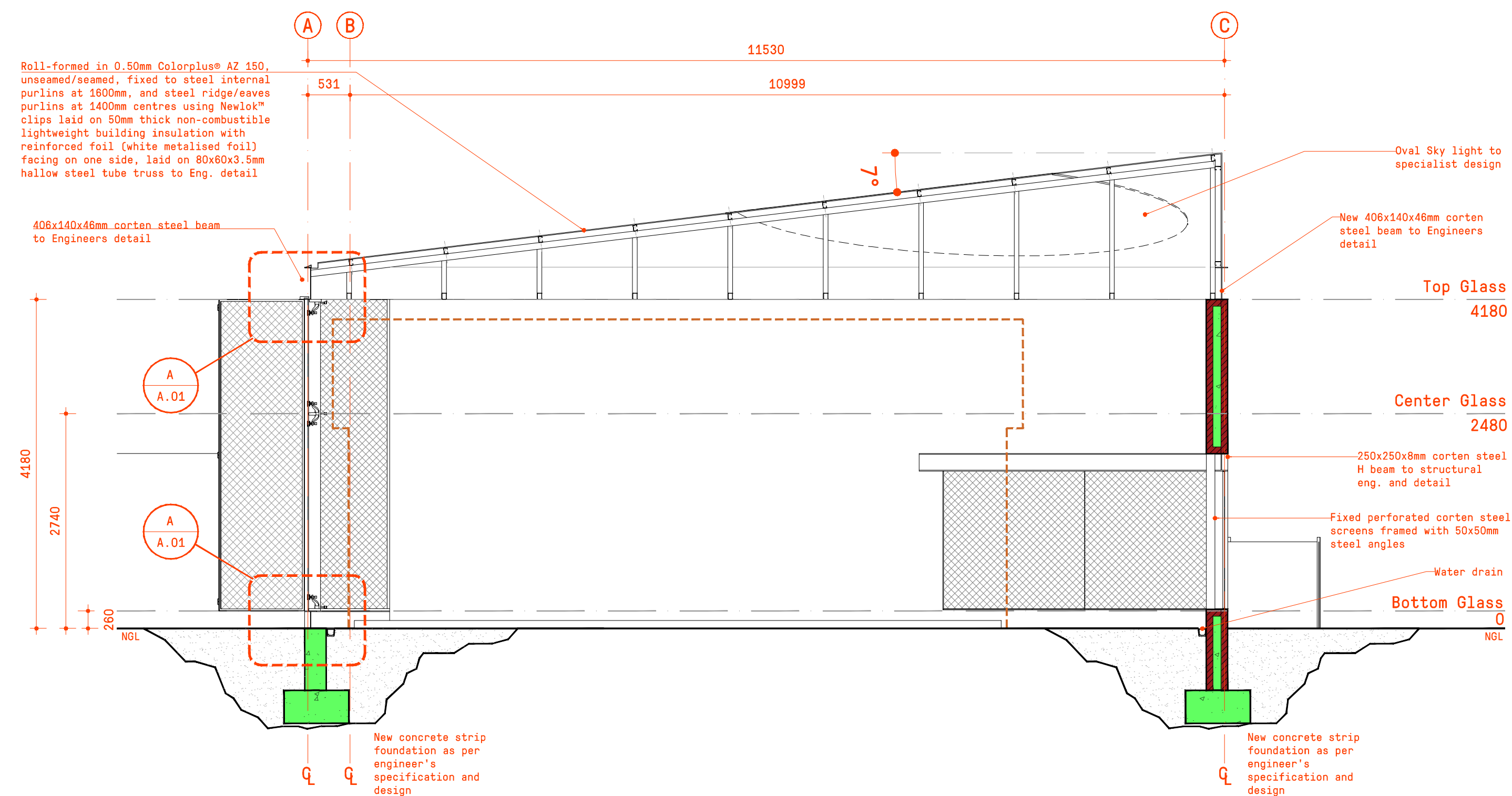
SCALE

A1
AS SHOWN



SCALE: 1:50

SCALE: 1:50



SCALE: 1:50

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[illegible]

 **sport, arts & culture**
Department:
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**CONSTRUCTION OF COVERING FOR BOMBED
CLINIC AND CREATE AN EXHIBITION AT MAMA
WINNIE MADIKIZELA MANDELA HOUSE IN
BRANDFORT**

EAST ELEVATION, SECTION
A-A AND SECTION B-B

DESIGNED	DRAWN	CHECKED BY	DATE
SIYA MANYONI	SIYA MANYONI	TALU MUDAU	04/09/2023

ARCHITECT: Professional Architect PR REG. No : PrArch49324416
SIGNATURE: DATE: 04/09/2023

DISCIPLINE

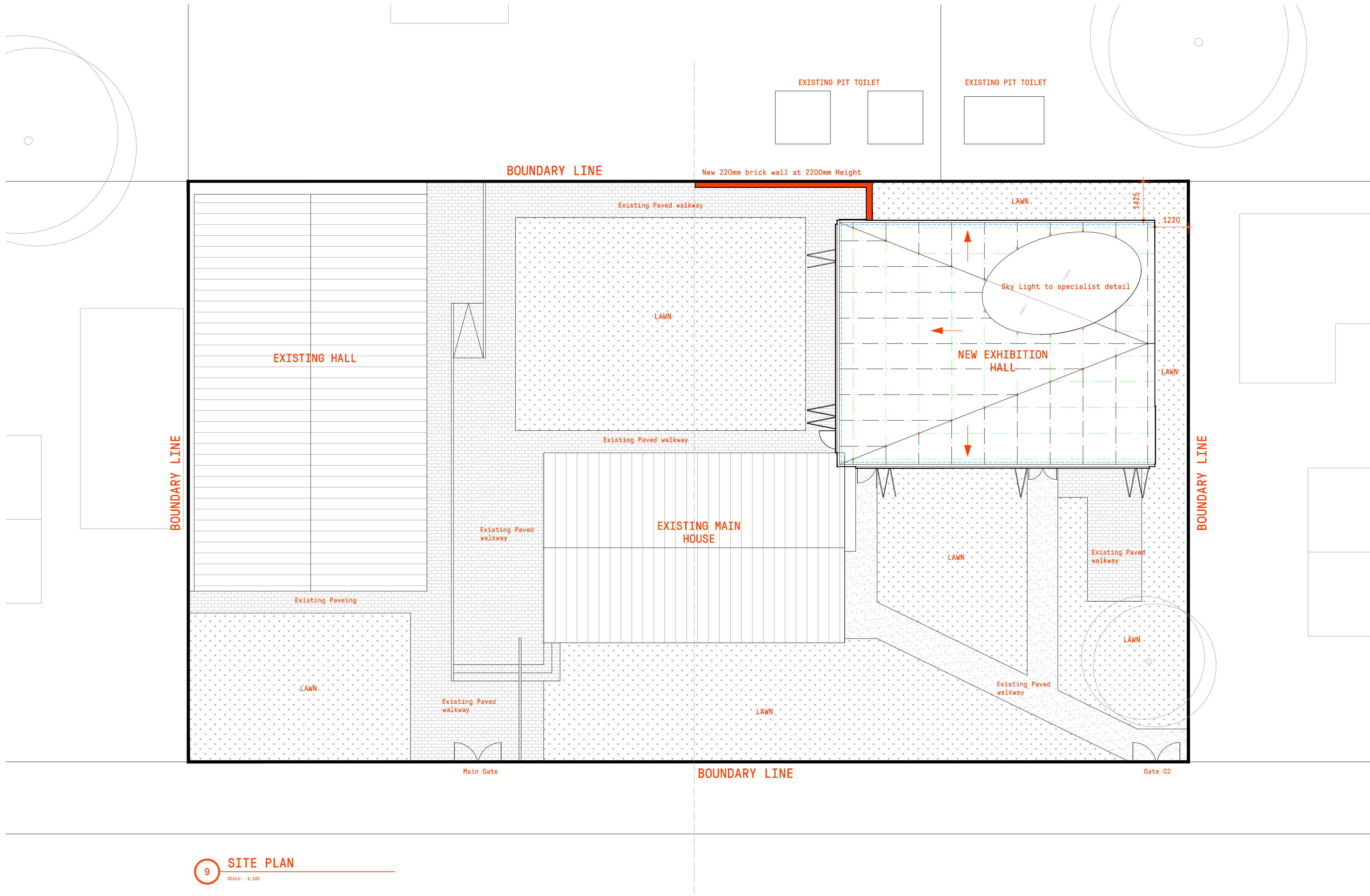
ARCHITECTURAL

DRAWING NUMBER					
ORIGINATOR	PROJECT	ROLE	DRAWING NO	STAT.	REV
SIST	- WINNIE -	ARCH	- WNN04 -	T	- 00

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT

SCALE AS SHOWN

FOR TENDER



9 SITE PLAN
SCALE: 1:100

DOORS							
DOOR NO.	001	002	003	004	005	006	007
DOOR COUNT	13	01	01	02	01	01	02
TYPE FRAME	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail	50X50mm corten steel angle to structural Eng. detail
TYPE DOOR	Sliding, folding perforated corten steel	Sliding, folding perforated corten steel	Hinged perforated corten steel	Hinged perforated corten steel	Hinged perforated corten steel	Fixed perforated corten steel	Fixed perforated corten steel
FINISH	Corten steel	Corten steel	Corten steel	Corten steel	Corten steel	Corten steel	Corten steel
GLAZING	None	None	None	None	None	None	None
WINDOWS							
WINDOW NO.	SOUTH ELEVATION			WEST ELEVATION			
COUNT	01			01			
GLASS	25mm safety glass to specialist design			25mm safety glass to specialist design			
FRAME	None			None			

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FOR
TENDER

ISSUE / REVISION

I/R	DATE	DESCRIPTION	ISS BY

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PROJECT

CONSTRUCTION OF COVERING FOR BOMBED
CLINIC AND CREATE AN EXHIBITION AT MAMA
WINNIE MADIKIZELA MANDELA HOUSE IN
BRANDFORT

DRAWING TITLE

SITE PLAN & GLASS
SCHEDULE

DRAWING CHECKS

DESIGNED	DRAWN	CHECKED BY	DATE
SIYA MANYONI	SIYA MANYONI	TALU MUDAU	04/09/2023

PROFESSIONAL APPROVAL

ARCHITECT: Professional Architect PR REG. No: PrArch48324416
SIGNATURE: DATE: 04/09/2023

DISCIPLINE

ARCHITECTURAL

DRAWING NUMBER

ORIGINATOR PROJECT ROLE DRAWING NO STAT REV
SIST - WINNIE - ARCH - WNN05 - T - 00

P: PRELIMINARY / C: CONSTRUCTION / D: DRAFT / T: TENDER / A: AS-BUILT

SCALE

A1
AS SHOWN

PRICING SCHEDULE

NAME OF BIDDER: BID NO.: DSAC 09/23-24.

CLOSING TIME 11:00 AM

CLOSING DATE: 20 OCTOBER 2023

OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO	DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)	
1.	The accompanying information must be used for the formulation of proposals.		
2.	Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of all applicable taxes for the project.	R.....	
3.	PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)		
4.	PERSON AND POSITION	HOURLY RATE	DAILY RATE
	.....	R.....	.....
	.....	R.....	.....
	.....	R.....	.....
	.....	R.....	.....
	.....	R.....	.....
5.	PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT		
	.....	R.....	 days
	.....	R.....	 days
	.....	R.....	 days
	.....	R.....	 days
5.1	Travel expenses (specify, for example rate/km and total km, class of airtravel, etc). Only actual costs are recoverable. Proof of the expenses incurred must accompany certified invoices.		
	DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY AMOUNT
	.....	.....	R.....
	.....	.....	R.....
	.....	.....	R.....
	.....	.....	R.....
		TOTAL: R.....	

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

Name of Bidder:

- 5.2 Other expenses, for example accommodation (specify, eg. Three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
.....			R.....
.....			R.....
.....			R.....
.....			R.....
TOTAL: R.....			

6. Period required for commencement with project after acceptance of bid
 7. Estimated man-days for completion of project
 8. Are the rates quoted firm for the full period of contract? *YES/NO
 9. If not firm for the full period, provide details of the basis on which adjustments will be applied for, for example consumer price index.

*[DELETE IF NOT APPLICABLE]

Any enquiries regarding bidding procedures may be directed to the:

Department of Sport, Arts and Culture: Supply Chain Management Unit

Ms. Tshepiso Ramatapa

Tel: 072 751 8018 / (012) 441 3173

Email: tshepisor@dsac.gov.za

Or

Mr. Tuelo Thubisi

Tel: 072 604 7259 / (012) 441 3504

Email: tuelot@dsac.gov.za

Technical Information:

Mr. Matthwes Makhombothi

Tel: 066 139 3566

Email: matthwesm@dsac.gov.za

Or

Mr. Songezo Petela

Tel: 072 749 7888

Email: SongezoP@dsac.gov.za

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4.	PERSON AND POSITION	HOURLY RATE	DAILY RATE
		R.....	
		R.....	
		R.....	
		R.....	
		R.....	
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		R.....	 days
		R.....	 days
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	DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY AMOUNT
			R.....
			R.....
			R.....
			R.....
	TOTAL: R.....		

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.....			R.....
.....			R.....
.....			R.....
.....			R.....
TOTAL: R.....			

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