

BID NOTICE

STELLENBOSCH MUNICIPALITY HEREBY INVITES YOU TO TENDER FOR B/SM 25/25 PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH

TENDER NUMBER: **B/SM: 25/25**
DESCRIPTION: **PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH**
CLOSING DATE: **28 OCTOBER 2024**
CLOSING TIME: **12h00: Bids will be opened in the Council Chambers or Supply Chain Management Boardroom.**

CIDB: The following CIDB class of construction works will be applicable to the Tender, in accordance with the sum tendered or value determined in accordance with regulation 25(7A) of the Construction Industry Development Regulations, 2004 (as amended) – As of 23 May 2019 - **Class of Construction Works: 4GB or higher.** If intended to subcontract, the electrical part of the tender, CIDB grading of 1EB is required, the waterproofing part of the tender, CIDB grading of 1SO is required from sub-contractor. If not subcontracted, bidder must have a 4GB or higher and 1EB and 1SO or higher. (Please submit the subcontractor CIDB certificates or CRS no with the tender document)

The tenderer must be an asbestos-certified/ registered contractor with the Department of Labour for Type 3 Asbestos Work. Proof of validity to be submitted along with the tender document. Tenderer may appoint a subcontractor for asbestos work if not registered however the tenderer's subcontractor must be a registered contractor with the Department of Labour for Type 3 Asbestos Work.

INFORMATION:

Tender Specifications: (Miss) Isabelle Engelbrecht at Tel: 021 020 2350; Epos: isabelle@i-sa.co.za
SCM Requirements: Gerald Kraukamp at Tel: 021 808 8519 Email: gerald.kraukamp@stellenbosch.gov.za
Office hours for collection: **08h00-15h30**

A **Compulsory Clarification Meeting** will be held at 10:00 on **14 October 2024** at **c/o Hofman Street and Merriman Avenue, Stellenbosch.**

Tenders may only be submitted on the Tender documentation issued by Stellenbosch Municipality and must be valid for **180 days** after tender closing. Late, electronic format, telephonic or faxed Tenders will not be considered and Stellenbosch Municipality does not bind itself to accept the lowest, part of or any Tender.

Sealed Tenders, with **B/SM 25/25 Phase 1: Upgrade, Alterations, Extensions, and Additions on Erf RE/194, Hofman Street, Stellenbosch**, clearly endorsed on the envelope, must be deposited in the Tender box at the offices of the Stellenbosch Municipality, Town House Complex, Plein Street, Stellenbosch. The Tender box is accessible 24 hours a day and Tenders must be accompanied by the completed Tender documents. Tenders not accompanied by a complete Tender document, will not be considered.

NOTE: This tender will be evaluated in terms of the General Conditions of Contract, Supply Chain Management Policy and relevant specification as depicted in the document and also the Stellenbosch Preferential Procurement Policy effective from 16 January 2023 in accordance with the Preferential Procurement Regulations that was promulgated by the Minister of Finance on 04 November 2022 in Government Gazette No 47452.

The preferential points system applied is as follows: 80/20 in terms of the approved policy.

Price	80
B-BBEE status level of contribution	10
Locality	10
Total points for Price and B-BBEE	100

The following conditions to Tender exist (failure to comply may result in your Tender being disqualified):

1. This Tender is subject to the Joint Building Contracts Committee – Principal Building Agreement Edition 6.2 – May 2018 (JBCC) and special conditions for Tendering;
2. Relevant terms of reference;
3. Tenderers must be registered on the Central Supplier Database (CSD) if they wish to conduct business with the municipality;
4. No award will be made to tenderers whose tax status is non-compliant;
5. Tenders submitted must be in a sealed envelope clearly marked with the Tender number, placed in the tender box before closing time. Failure will result in the tender being invalid;

Tender documents, in English, are available free of charge on the website: www.stellenbosch.gov.za. Alternatively, hard copies of the document are obtainable from the offices of the Supply Chain Management Unit, Stellenbosch Municipality, Town House Complex, 1st Floor, Plein Street, Stellenbosch, upon payment of a non-refundable fee of R 689.50 per document.

Please note: Stellenbosch Municipality will never contact you to pay money in exchange for the award of the tender.

G Mettler (Ms)
MUNICIPAL MANAGER



TENDER KENNISGEWING

STELLENBOSCH MUNICIPALITY NOOI U HIERMEE UIT OM TE TENDER VIR B/SM 25/25 FASE 1: OPGRAIDINGS, VERANDERINGE, UITBREIDINGS EN AANBOUINGS OP ERF RE/194, HOFMANSTRAAT, STELLENBOSCH

TENDER NOMMER: **B/SM 25/25**
BESKRYWING: **FASE 1: OPGRAIDINGS, VERANDERINGE, UITBREIDINGS EN AANBOUINGS OP ERF RE/194, HOFMANSTRAAT, STELLENBOSCH**
SLUITINGSdatum: **28 OKTOBER 2024**
TYD VAN SLUITING: **12h00.** Tenders sal oopgemaak word in die Raadsaal of in die Voorsieningskanaalbestuurs Raadsaal. As gevolg van die Covid-19 beperkinge sal die opening van tenders vir die publiek nie plaasvind nie maar die openingsregister sal onmiddellik daarna op die munisipale webwerf geplaas word.

KIOR: Die volgende KIOR klas vir konstruksiewerk, in ooreenstemming met die totale bedrag getender of waarde bepaal in ooreenstemming met regulasie 25 (7A) van die Konstruksie-industrie Ontwikkelingsraad, Regulasies, 2004 (soos gewysig) op 23 Mei 2019, sal op die bod van toepassing wees. Tenderaars moet 'n **geskatte KIOR kontrakgradering** van ten minste **4GB. of hoër hê**. Indien beoog om te subkontraakteer, word die elektriese deel van die tender, CIDB-gradering van 1EB vereis, en die waterdigtingsgedeelte van die tender, CIDB-gradering van 1SO word van subkontraakteur vereis. Indien nie gesubkontraakteer word nie, moet die tenderaar 'n 4GB of hoër, en 1EB en 1SO of hoër hê. (Dien ook die KIOR sertifikate van die subkontraakteur met die tender dokument)

Die tenderaar moet 'n asbes-gesertifiseerde/geregistreerde kontrakteur by die Departement van Arbeid vir Tipe 3 Asbeswerk wees. Bewys van geldigheid moet saam met die tenderdokument ingedien word. Tenderaar kan 'n subkontraakteur vir asbeswerk aanstel indien nie geregistreer nie, maar die tenderaar se subkontraakteur moet 'n geregistreerde kontrakteur by die Departement van Arbeid vir Tipe 3 Asbeswerk wees.

NAVRAE:

Tender spesifikasies: (Mej) I Engelbrecht by Tel: 021 020 2350; Epos: isabelle@i-sa.co.za
Vkb vereistes: Gerald Kraukamp at Tel: 021 808 8519 Epos: gerald.kraukamp@stellenbosch.gov.za
Kantoor Ure: **08h00-15h30**

'n **Verpligte inligtingssessie** sal gehou word op **14 Oktober 2024** om 10:00 VM op die hoek van Hofmanstraat en Merrimanlaan, Stellenbosch. Tenderaars wat nie die verpligte inligtingssessie bywoon nie, sal nie in ag geneem word om te tender. Tenders mag slegs ingedien word op die tenderdokumentasie verskaf deur Stellenbosch Munisipaliteit en moet geldig wees vir **180.dae** na die sluitingsdatum. Laat, elektroniese formaat of gefakse tenders sal nie aanvaar word nie en Stellenbosch Munisipaliteit is nie verplig om die laagste of enige tender wat ingedien word te aanvaar nie.

Verseëde tenders duidelik gemerk: **"B/SM 25/25: FASE 1: OPGRAIDINGS, VERANDERINGE, UITBREIDINGS EN AANBOUINGS OP ERF RE/194, HOFMANSTRAAT, STELLENBOSCH"** op die koevert, moet geplaas word in tenderbus buite die kantore van Stellenbosch Munisipaliteit, Meenthuis Kompleks, Stellenbosch. Die tenderbus is 24 uur per dag beskikbaar en tenders moet vergesel word met die voltooië stel tenderdokumente. Tenderaanbieding wat nie deur die volledige tenderdokument vergesel word nie, sal nie oorweeg word nie.

LET WEL: Hierdie tender sal geëvalueer word ingevolge die Algemene Kontrakvoorwaardes, Voorsieningskanaal Bestuursbeleid and relevante spesifikasies, soos vervat in die tender dokument asook die Stellenbosch Voorkeurverkrygingsbeleid **effektief vanaf 16 Januarie 2023 in samewerking met die Voorkeurverkrygingsregulasies wat op 04 November 2022 deur die Minister van Finansies in Staatskoerant No 47452 afgekondig is.**

Die voorkeerpunte stelsel is soos volg gebaseer: 80/20 in terme van die goedgekeurde beleid:

Prys	80
BBSEB status	10
Locality	10
Totale punte vir prys en B-BSEB	100

Die volgende voorwaardes vir Tender soos volg: (versuim om te voldoen, kan veroorsaak dat u Tender gediskwalifiseer word):

1. Hierdie tender is onderworpe aan die Joint Building Contracts Committee – Principal Building Agreement Edition 6.2 – May 2018 (JBCC) en spesiale voorwaardes vir die tender;
2. Toepaslike opdrag
3. Tenderaars moet geregistreer wees op Sentrale verskaffersdatabasis (SVD) as hulle met die munisipaliteit sake wil doen
4. Geen toekenning sal gemaak word aan diensverskaffers wie se Belasting status ongeldig is.
5. Die tender wat ingedien moet word, moet in 'n verseëde koevert wees wat duidelik gemerk is met die Tondernommer, wat in die tenderbus voor sluitingstyd geplaas word. Versuim sal tot gevolg hê dat die tender ongeldig is.

*Tenderdokumente, in Engels, is verkrygbaar by die kantoor van die Voorsieningskanaalbestuurseenheid, Stellenbosch Munisipaliteit, Meenthuis Kompleks, 1ste Vloer, Pleinstraat, Stellenbosch na betaling van 'n nie-terugbetaalde tenderdeelnamfooi van **R689.50 per dokument**. Alternatiewelik mag die dokument gratis afgelaai word vanaf die webblad www.stellenbosch.gov.za.*

Let wel: Die Stellenbosch municipalliteit sal nou nooit kontak om geld te betaal in ruil vir die toekenning van die tender

G Mettler (Me)
MUNISIPALE BESTUURDER

TENDER NO.: B/SM 25/25**PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS, AND ADDITIONS ON ERF
RE/194, HOFMAN STREET, STELLENBOSCH****PROCUREMENT DOCUMENT**

NAME OF TENDERER:			
Total Bid Price (Inclusive of VAT) (refer to page 77):			
COMPLETION PERIOD IN WORKING DAYS:			
BBBEE LEVEL			
LOCALITY		YES	NO

OCTOBER 2024**PREPARED AND ISSUED BY:**

ISA Architects
148 Main Road, Paarl, 7646
&
Directorate: Finance
Supply Chain Management Unit
Stellenbosch Municipality,
PO Box 17, Stellenbosch, 7599

**CONTACT FOR ENQUIRIES
REGARDING SPECIFICATIONS:**

I Engelbrecht
Principal Agent
Ikamva Architects SA (Pty) Ltd
Tel. Number: 021 020 2350

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THE TENDER

PART T1 TENDERING PROCEDURES

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PART T1 TENDERING PROCEDURES
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T1.1 TENDER NOTICE AND INVITATION TO TENDER 5 - 10

T1.2 TENDER DATA..... 11 - 21

T1.3 STANDARD CONDITIONS OF TENDER 22 - 32

T1.1 TENDER NOTICE & INVITATION TO TENDER

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Please note: Stellenbosch Municipality will never contact you to pay money in exchange for the award of the tender.

G Mettler (Ms)
MUNICIPAL MANAGER

TENDER KENNISGEWING

**STELLENBOSCH MUNICIPALITY NOOI U HIERMEE UIT OM TE TENDER VIR
B/SM 25/25 FASE 1: OPGRADINGS, VERANDERINGE, UITBREIDINGS EN AANBOUINGS OP ERF
RE/194, HOFMANSTRAAT, STELLENBOSCH**

TENDER NOMMER: B/SM 25/25
BESKRYWING: FASE 1: OPGRADINGS, VERANDERINGE, UITBREIDINGS EN AANBOUINGS OP ERF RE/194, HOFMANSTRAAT, STELLENBOSCH

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NAVRAE:

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- Tendersaars moet geregistreer wees op Sentrale verskaffersdatabasis (SVD) as hulle met die munisipaliteit sake wil doen
- Geen toekenning sal gemaak word aan diensverskaffers wie se Belasting status ongeldig is.

5. Die tender wat ingedien moet word, moet in 'n verseëlde koevert wees wat duidelik gemerk is met die Tondernommer, wat in die tenderbus voor sluitingstyd geplaas word. Versuim sal tot gevolg hê dat die tender ongeldig is.

Tenderdokumente, in Engels, is verkrygbaar in sagtekopie vanaf Stellenbosch Munisipaliteit se webtuiste.

Let wel: Die Stellenbosch municipalliteit sal nou nooit kontak om geld te betaal in ruil vir die toekenning van die tender

G Mettler (Me)

MUNISIPALE BESTUURDER

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF MUNICIPALITY/ MUNICIPAL ENTITY)

BID NUMBER:	B/SM 25/25	CLOSING DATE:	28 October 2024	CLOSING TIME:	12:00
DESCRIPTION	PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					

BID RESPONSE DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT **STELLENBOSCH MUNICIPALITY, TOWN HOUSE COMPLEX, PLEIN STREET, STELLENBOSCH**

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					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		☐ 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]					
1. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		2. ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]	
3. TOTAL NUMBER OF ITEMS OFFERED			4. TOTAL BID PRICE	R	
5. NAME, SURNAME AND SIGNATURE OF BIDDER			6. DATE		
7. CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT	SCM Department		CONTACT PERSON	I Engelbrecht	
CONTACT PERSON	G. Kraukamp		TELEPHONE NUMBER	021 020 2350	
TELEPHONE NUMBER	021 808 8519		FACSIMILE NUMBER		
FACSIMILE NUMBER			E-MAIL ADDRESS	isabelle@i-sa.co.za	
E-MAIL ADDRESS	Gerald.Kraukamp@ Stellenbosch.gov.za				

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 ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE STELLENBOSCH SUPPLY CHAIN MANAGEMENT POLICY, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

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 VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
- 3.5. 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 ABOVE.

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

DATE:

.....

T1.2 TENDER DATA

The Conditions of Tender applicable to this contract are the Standard Conditions of Tender as contained in Annex C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts – August 2019.

The Standard Conditions of Tender makes several references to the Tender Data for details that apply specifically to this Tender. The Tender Data shall have preference in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item below is cross-referenced to the relevant clause in the Standard Conditions of Tender to which it applies

Clause Number	Tender Data
---------------	-------------

C.1 General

C.1.1.1 The Employer is: STELLENBOSCH MUNICIPALITY Represented by the Property Management and Municipal Building Maintenance.

The Employer's domicilium citandi et executandi (permanent physical business address) is:

PO Box 17
Stellenbosch
7599

The Employer's address for submitting the completed tender documents relating to this project is:

Town House Complex, Plein Street
Stellenbosch
7600

C.1.2 Tender Documents:

The following documents form part of this tender:

VOLUME 1 : The Joint Building Contracts Committee-NPC, Edition 6.2 – May 2018. This publication is available and tenderers must obtain copies at their own cost from the South African Joint Building Contracts Committee (JBCC), <https://jbcc.co.za/electronic-services/>

VOLUME 2 : The SANS Standardised Specifications for Engineering Construction prepared by Standards South Africa. These publications are available, and tenderers must obtain copies at their own cost from Standards South Africa, Private Bag X191, PRETORIA, 0001.

Volumes 1 and 2 may also be inspected, by appointment, at the offices of the Employer's Agent during normal office hours.

The tender documents issued by the Employer comprise:

VOLUME 3: The Contract Document in which is bound:

The Tender

Part T1: Tendering procedures

T1.1 Tender notice and invitation to tender

T1.2 Tender data

Part T2: Returnable Documents

T2.1 List of returnable documents

T2.2 Returnable schedules

The Contract

Part C1: Agreements and Contract Data

C1.1 Form of offer and acceptance

C1.2 Contract data

C1.3 Form of Performance Guarantee

C1.4 Form of Advance Payment Guarantee

C1.5 Occupational Health and Safety Agreement

- C1.6 Protection of the Environment Declaration
- C1.7 Insurance Broker's Warranty
- C1.8 Contract of Temporary Employment as Community Liaison Officer

Part C2: Pricing Data

- C2.1 Pricing Assumptions
- C2.2 Bills of Quantities

Part C3: Scope of Work

- C3.1 Description of the Works
- C3.2 Engineering
- C3.3 Procurement
- C3.4 Construction
- C3.5 Management
- C3.6 Annexes

Part C4: Site information

- C4 Site information

Part C5: Appendices

VOLUME 4: Drawings (listed in C3.2 Engineering)

Volume 3 is deemed the "Returnable Document" which must be returned to the Employer in terms of submitting a tender offer.

C.1.4 The Employer's Agent is:

Name: I Engelbrecht (PA)

Address: Ikamva Architects SA (Pty) Ltd
148 Main Road
Hoog-En-Droog
PAARL

Tel: 021 020 2350,
E-mail: isabelle@i-sa.co.za

C.1.4 The language for communications is: English.

C.1.6.1 Contract will be awarded to the tenderer who submitted the highest scored responsive tender document, also subject to the client's final approval.

C.1.6.2 A competitive negotiation procedure will not be followed.

C.1.6.3 A two stage-system will not be followed.

C.2 Tenderer's obligations

C.2.1 Eligibility

Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

C.2.1.1 Only those tenderers who adhere to the minimum quality criteria stated in Annexure A: **Evaluation Process and Criteria of this Tender Data shall be considered responsive and have their tenders evaluated further.**

C.2.1.2 Construction Industry Development Board (CIDB) Registration

Only those tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, in a contractor grading designation equal to 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 **4CE** class of construction work, are eligible to have their tenders evaluated.

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 **4GB** class of construction work; and
- (3) 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 **4GB** class of construction work or a value

determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations.

C2.1.3 Central Supplier Database

No Bids will be awarded to a bidder who is not registered on the Central Supplier Database (CSD).

The CSD supplier number starting with (MAAA) number is automatically generated by the Central Database System after successful registration and validation of a prospective service provider. This number is now a mandatory requirement, as referred to in regulation 14(1) (b) of the Municipal Supply Chain Management Regulations, as part of the listing criteria for accrediting a prospective service provider. Prospective suppliers should self – register on the CSD website at www.csd.gov.za. Registration on the CSD will be compulsory in order to conduct business with the STELLENBOSCH MUNICIPALITY. Registration on CSD can be done by contacting 021 808 8594 or Nicolene.Hamilton@stellenbosch.gov.za

Tenderers who are not registered on the Central Supplier Database at close of tender, shall submit a copy of their application of registration, with their tender submission. Tenders received from such tenderers who have not submitted proof of their registration within 21 days after the closing date for tender submissions, will not be considered.

C2.1.4 Bank rating

Bank rating will not be required for this tender.

C2.1.5 Outstanding amounts to the Municipality

The Employer shall have the right to summarily disqualify any Tenderer who, either at the date of submission of this tender or at the date of its award, is indebted to the Municipality in respect of any rental, levies, rates and/or service charges or alternatively that an agreement be signed whereby the Tenderer agrees that a percentage or fixed amount at the discretion of the Employer, be deducted from payments due to him for this tender, until the debt is paid in full.

The tenderer shall declare all the Municipal account numbers in the Stellenbosch Area for which the enterprise or the proprietors or directors in their personal capacity is/ are responsible or co-responsible.

C.2.6 Failure to apply instructions contained in addenda may render a tenderer's offer non-responsive in terms of clause C.3.8.

C.2.7 The arrangements for a compulsory clarification meeting are as specified in the Tender Notice and Invitation to Tender.

The onus rests with the tenderer to ensure that the person attending the clarification meeting on his behalf is appropriately qualified to understand all directives and clarifications given at that meeting. Tenderers shall sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list.

The tenderer and any of his personnel or agents who enter upon the Site or the Employer's premises for the purpose of site visits will complete an indemnity form. Indemnity shall be given to the Employer prior to the start of any site visit.

C.2.8 Request clarifications at least 7 working days before the closing time.

C.2.9 The Employer will not provide any insurance.

C.2.10 Tenderers are required to state the rates and currencies in Rand.

C.2.11 The use of correction fluid/tape is not allowed. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.

Alterations or deletions not signed by the Tenderer may render the tender invalid.

C.2.12 **NO** alternative offer will be accepted.

C.2.13.1 Tenderers are allowed to submit only one tender offer, either as a single entity or as part of a joint venture.

C.2.13.4 Parts of each tender offer communicated on paper shall be submitted as an original, plus NIL copies.

C.2.13.5 Submit only the signed "Original" Tender offer

C.2.13.6 A two-envelope procedure will **NOT** be followed.

C.2.13.7 Place and seal the printed and completed tender document in an envelope clearly marked "TENDER" and bearing the Employer's name, the contract number and description, the tenderer's authorised representative's name, the tenderer's postal address and contact telephone numbers.

C.2.13.9 Telephonic, facsimile or emailed tender offers will **NOT** be accepted.

C.2.15.1 The Employer's address for the delivery of tender offers and identification details to be shown on each tender offer package are:

Location of tender box:	Offices of the Stellenbosch Municipality (next to the library)
Physical address:	Town House Complex, Plein Street, Stellenbosch
Identification details:	Place the signed original tender offer in a package marked Tender number: B/SM 25/25
Title of tender:	PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH

Tenders may be submitted any time of the day or night, Monday to Sunday at the Employer's address before the stated closing date and time.

C.2.15.2 The closing time for submission of tender offers is stated in the Tender Notice and/or Invitation to Tender

C.2.16.1 The tender offer validity period is 180 days.

C.2.16.3 Where a tenderer, at any time after the opening of his tender offer but prior to entering into a contract based on his tender offer:

- (1) withdraws his tender;
- (2) gives notice of his inability to execute the contract in terms of his tender; or
- (3) fails to comply with a request made in terms of C.2.17, C.2.18 or C.3.9,

such tenderer shall be barred from tendering on any of the Employer's future tenders for a period to be determined by the Employer, but not less than six (6) months, from the date of tender closure. The Employer may fully or partly exempt a tenderer from the provisions of this condition if he is of the opinion that the circumstances justify the exemption.

C.2.18 Any additional information requested under this clause must be provided within 5 working days of the date of request.

C.2.23 The tenderer is required to submit the following with his tender:

- (1) An original valid Tax Clearance Certificate issued by the South African Revenue Services; and
- (2) Proof of Contractor Registration drawn from the Construction Industry Development Board website should be attached to Returnable Schedule Form B2.
- (3) Evidence of registration and proof of good standing with a compensation insurer who is approved by the Department of Labour in terms of Section 80 of the Compensation for Occupational Injuries and Diseases Act (Act No 130 of 1993) (COID). The Tenderer is required to disclose all inspections, investigations and their outcomes conducted by the Department of Labour into the conduct of the Tenderer at a time during the 36 months preceding the date of this Tender (Refer Returnable Schedule Form B3);
- (4) Proof of Registration in respect of each partner, where a tenderer satisfied the CIDB contractor grading designation requirements through the formation of a joint venture;
- (5) Submit their Broad-Based Black Economic Empowerment status level certificate or certified copy thereof issued by a registered verification agency in accordance with the Preferential Procurement Policy Framework Act, 2000; Preferential Procurement Regulations, 2022. Joint ventures/consortiums will qualify for preference points, provided that the entity submits the relevant certificate/score card in terms of Preferential Procurement Regulations, 2022. Note that in the case of unincorporated entities, a verified score card must be submitted with the Tender.
- (6) Tenderers must be registered with a relevant Bargaining Council (if such be in place) and must submit, with the tender, the applicable Certificate of Compliance (letter of good standing in terms of the relevant Government Gazette). Each party to a Consortium/Joint Venture shall submit separate certificates in the above regard.

C.3 The employers' undertakings

C.3.1.1 The Employer shall respond to clarifications received up to 7 working days before the tender closing time.

C.3.2 The Employer shall issue addenda until 5 working days before the tender closing time.

C.3.4.1 The time and location for the opening of tender offers are:

Time: Tenders will be opened immediately after the closing time for receipt of tender as stated in the Tender Notice and Invitation to Tender, or as stated in any Addendum extending the closing date.

C.3.4.2 **Location:** Bids will be opened in the Supply Chain Boardroom or the Council Chambers of Stellenbosch Municipality in public.

C.3.5.1 The two-envelope system will **NOT** be followed for this Tender.

C.3.7 In the event of disqualification, the Employer may, at his sole discretion, impose a specified period during which tender offers will not be accepted from the offending tenderer and report same to the CIDB and National Treasury.

C.3.8 Test for responsiveness

Add the following to C 3.8:

Tenders will be considered non-responsive if:

- a) the tender is not in compliance with the Scope of Work;
- b) the tenderer does not comply with the CIDB contractor grading designation as specified in C.2.1 above;
- c) the tenderer has failed to clarify or submit any supporting documentation within the time for submission stated in the Employer's written request.

C.3.9 Arithmetical errors, omissions, discrepancies and imbalanced unit rates

Delete the text of clause C.3.9 and replace with:

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 appearing in the summary to the pricing schedule or bill of quantities shall govern.

Check responsive tender offers for:

- (1) the gross misplacement of the decimal point in any unit rate;
- (2) omissions made in completing the pricing schedule or bill of quantities; or
- (3) arithmetic errors in:
 - (a) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - (b) the summation of the prices.
- (4) imbalanced unit rates.

Notify shortlisted tenderers of all errors, omissions or imbalanced rates that are identified in their tender offers.

Where the tenderer elects to confirm the errors, omissions or re-balancing of imbalanced rates the tender offer shall be corrected as follows:

- (1) 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 unit rate shall govern and the line item total shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted and the unit rate shall be corrected.
- (2) 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 be corrected.
- (3) Where the unit rates are imbalanced adjust such rates by increasing or decreasing them and selected others while retaining the total of the prices derived after any other corrections made under (1) and (2) above.
 - (a) Where there is an omission of a line item, no correction is possible and the offer may be declared non-responsive.
 - (b) Declare as non-responsive and reject any offer from a tenderer who elects not to accept the corrections proposed and subject the tenderer to the sanction under C.2.16.3.
 - (c) The tenderer is required to submit balanced unit rates for rate only items in the pricing schedule. The rates submitted for these items will be taken into account in the evaluation of tenders.

C.3.11 The procedure for the evaluation of responsive tenders is stated in **Annexure A: Evaluation Process and Criteria**

C.3.13 In addition to the requirements of the Condition of Tender, offers will only be accepted if:

- (1) The tenderer is registered with the Construction Industry Development Board with an appropriate contractor grading designation – as specified on pg1&2 of this document.
- (2) The tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector.
- (3) The tenderer has not abused the Employer's supply chain management system.
- (4) The tenderer has not failed to perform on any previous contract and has not been given a written notice to this effect;
- (5) The tenderer is registered on the National Treasury Central Supplier Database;
- (6) To attend a compulsory briefing session and site inspection. Signing the briefing and site inspection attendance register is mandatory;
- (7) To provide a Letter of Intent for Performance Security, in the amount of 10% of the contract value issued by a Bank and/or Financial Institution;

C.3.17 The number of paper copies of the signed contract to be provided by the Employer is 1.

C.3.18 All requests shall be in writing.

ADDITIONAL CONDITIONS OF TENDER CLAUSES:

C.3.19 Jurisdiction

Unless stated otherwise in the tender data, each tenderer and the Employer undertake to accept the jurisdiction of the law courts of the Republic of South Africa.

C.3.20 Successfully completed projects

Tenderers must complete **Form A2**, T2.2 Returnable Schedules, which is a list of the bidder's past work experience in terms of successfully completed projects in the past **5 years with a minimum value of R1 million per project**. The value and scale of the projects indicated for these purposes must be supplied together with the other relevant information.

Tenderers shall list minimum 3 successfully completed projects in **Form A2** (Part T2.2: Returnable Schedules) over the past 5 years, with respect to alterations, general builders work and electrical works.

C.3.21 Demonstrated experience of key-personnel

In making his offer, the Tenderer is deemed to have all necessary personnel available to perform the works and comply with the prevailing Occupational Health and Safety Act. It would be extremely advantageous if the key personnel to be directly involved with this contract have relevant experience related to similar successfully completed projects and particular fields of specialization.

Tenderers must complete Form A3, T2.2 Returnable Schedules, for the key personnel identified for each listed position indicating similar successfully completed contracts and experience that is relevant to this contract for each of the key personnel indicated.

Demonstrated experience of the bidder's key personnel to be directly involved with this contract (if awarded) will be evaluated based on the information supplied by the bidder in Form A3 of Part T2.2: Returnable Schedules and the table below. Failure to complete Form A3 and attach the required information may result in the tender being considered non-responsive.

Position	Qualifications	Minimum experience (years)	Experience in Alterations, General Builders work including electrical works (Number of Projects for minimum years of experience)
Project Director/Contracts Manager	Degree or Diploma	5	5
Site Agent /Construction Manager (JBCC 2018 6.2)	Degree or Diploma	3	3

General Foreman/ Construction Supervisor	-	3	3
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- A degree is qualified as a 3 or 4 year degree in a relevant discipline at a registered university.
- A diploma is qualified as a 3 or 4 year National Diploma in a relevant discipline obtained from registered University or Technicon.

All listed key personnel are to have the qualifications and minimum number of years' experience and pipeline experience requirement as listed in the above table. It is also required from the bidder to provide certified copies of qualifications for each key personnel listed and must be attached to Form A3.

C.3.22 Service Level Agreement

The award of the tender is subject to the signing of a Service Level Agreement (SLA) between the successful bidder and Stellenbosch Municipality.

ANNEXURE A

EVALUATION PROCESS AND CRITERIA

This addendum contains all the criteria that the Employer shall use to evaluate tenders. In accordance with clause C.3.11 of the Standard conditions of tender. No other factors, methods or criteria shall be used. The tenderer shall provide all the information requested in the forms included in Part T2.2 – Returnable schedules.

Tenders shall be evaluated in five stages as follows

- Stage 1 – Evaluation of Administrative compliance
- Stage 2 – Evaluation of Tender Price
- Stage 3 – Evaluation of Preference
- Stage 4 – Combined score for Tender Price and Preference

1 Stage 1: Administrative Compliance

All tenders duly lodged will be examined to determine compliance with tender requirements and conditions. Tenders with obvious deviations from the requirements/conditions, will be eliminated from further evaluation.

1.1 Critical Criteria

The following critical criteria have been identified for this tender and any non-compliance thereto will lead to the tenderer being regarded as non-responsive and disqualified from further evaluation:

- (a) The tenderer is registered with the Construction Industry Development Board with an appropriate contractor grading designation;
- (b) The tenderer must be an asbestos-certified/ registered contractor with the Department of Labour for Type 3 Asbestos Work. Proof of validity to be submitted along with the tender document. Tenderer may appoint a subcontractor for asbestos work if not registered however the tenderer's subcontractor must be a registered contractor with the Department of Labour for Type 3 Asbestos Work.
- (c) The tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
- (d) The tenderer has not abused the Employer's supply chain management system;
- (e) The tenderer has not failed to perform on any previous contract and has not been given a written notice to this effect;
- (f) The tenderer is registered on the National Treasury Central Supplier Database;
- (g) The tenderer is registered on the Stellenbosch Municipality Suppliers Database;
- (h) Failure to list the required number of projects in Form A2, and to provide proof of similar projects will result in the tender being non-responsive;
- (i) Failure to comply with the key personnel requirements or to complete Form A3 may render the tender non-responsive;
- (j) To attend a compulsory briefing session and site inspection. Signing the briefing and site inspection attendance register is mandatory (Form B1);
- (k) To provide a Letter of Intent for construction Guarantee, in the amount of 10% of the contract value issued by a Bank and/or Financial Institution;(Form B5)
- (l) All Pages of the Tender document must be initialled.
- (m) Compulsory enterprise questionnaire completed (Form C1)
- (n) Signed J/V agreement must be attached (Where applicable)
- (o) Completion of the local content annexures and signing of Form C8 and relevant annexures/documentation.

2 Stage 2: Financial

2.1 Correction of arithmetical errors

Pursuant to clause C.3.9 of the standard conditions of tender as amended in the Tender Data, correction of arithmetical errors shall be undertaken.

2.2 Calculation of score for Tender Price

The score for Tender Price shall be calculated using the following formula:

$$N_F = W_f \times \left[1 - \left(\frac{P_t - P_{min}}{P_{min}} \right) \right]$$

Where:

N_F = the score for Tender Price awarded for the tender under consideration

W_f = the weighting given to financial offer, determined as follows:

- 90 where the Tender Price, inclusive of VAT, of all responsive tender offers received has a value in excess of R50 000 000,00; or
- 80 where the Tender Price, inclusive of VAT, of one or more responsive tender offers has a value that equals or is less than R50 000 000,00.

P_t = Tender Price of the tender under consideration

P_{min} = Tender Price of the lowest responsive tender

In the event that the calculated value of N_F is negative, the allocated score shall be 0

3 Stage 3: Preference

A maximum of 20 points (80/20 preference points system) or 10 points (90/10 preference points system) will be awarded to tenderers who submit responsive tenders and who are found to be eligible for the preference claimed. Points are based on a tenderer's scorecard measured as prescribed in the Preferential Procurement Regulations, 2022 and the Stellenbosch Preferential Procurement Policy 2022/23.

Points awarded will be according to a tenderer's B-BBEE status level of contributor and summarised in the table below:

B-BBEE Status Level of contributor	Number of Points for Contract value up to R50 000 000	Number of Points for Contract Value above R50 000 000
1	20	10
2	18	9
3	14	6
4	12	5
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant Contributor	0	0

Eligibility for preference points is subject to the following conditions:

- (1) The B-BBEE scorecard shall be submitted as a certificate attached to Returnable Schedule Form C2; and
- (2) The B-BBEE certificate shall:
 - (a) be an original or an original certified copy of the original; and
 - (b) have been issued by a verification agency accredited by the South African National Accreditation System (SANAS); or
 - (c) have been issued by a registered auditor approved by the Independent Regulatory Board of Auditors (IRBA), and
- (3) The Verification Certificate must be valid at the tender closing date; and
- (4) The date of issue of the B-BBEE certificate must be less than 12 (twelve) months prior to the advertised tender closing date (see Tender Data C2.15.2); and
- (5) Compliance with any other information requested to be attached to Form C2; and
- (6) If a tenderer claims a B-BBEE preference score without submitting an acceptable verification certificate, a period of 24 hours will be granted to submit an acceptable verification certificate which was valid at date of tender closure; and
- (7) Failure to submit a valid B-BBEE verification certificate will result in the award of 0 (zero) points for preference; and
- (8) In the event of a joint venture (JV), a consolidated B-BBEE verification certificate in the name of the JV shall be submitted.

4 Stage 4: Financial and Preference

After calculation of the scores for Tender Price and for Preference, a combined score will be calculated as follows:

$$N_T = N_F + N_P$$

Where:

N_T = Total score for tender under consideration

N_F = Score for Tender Price

N_P = Score for Preference

Calculations of score price, preference and functionality, as relevant, to two decimal places.

The tender with the highest score should be recommended taking into consideration the following:

4.1 Commercial Risk Analysis

The tender will be subjected to risk analysis to ensure that it would, if accepted, not place the Employer or the tenderer, at undue risk.

A risk analysis will be performed to ascertain if any of the following might present an unacceptable commercial risk to the Employer:

- (a) Unduly low tendered sums
- (b) Unduly high individual rates
- (c) Unduly low rates
- (d) Imbalances in pricing

It is in the best interests of the Employer to amend an error which will cause the tender to be rejected on the basis of it presenting an unacceptable commercial risk.

4.1.1 Acceptance of tenders

Tenders shall be accepted, provided they comply with the requirements of clause C.3.13 of the standard conditions of tender.

The Employer reserves the right to accept all, some, or none of the tenders submitted – either wholly or in part – and it is not obliged to accept the lowest tender.

By submitting this tender, the tenderer authorizes the Employer or its delegate(s) to carry out any investigation deemed necessary to verify the correctness of the statements and documents submitted and that such documents reasonably reflect the ability of the tenderer to provide the goods and services required by the Employer.

PLEASE NOTE

The Employer may cancel a contract awarded to a person if:

- (a) The person committed a corrupt or fraudulent act during the procurement process or in the execution of the contract, or
- (b) An official or other role player committed any corrupt or fraudulent act during the procurement process or in the execution of the contract that benefited that person.

The Employer may reject the tender or quote of any person if that person or any of its directors has:

- (a) Failed to pay municipal rates and taxes or municipal service charges and such rates, taxes and charges are in arrears for more than three months;
- (b) Failed, during the last five years, to perform satisfactorily on a previous contract with the Employer or any other organ of State after written notice was given to that tenderer that performance was unsatisfactory;
- (c) Abused the supply chain management system of the Employer or have committed any improper conduct in relation to this system;
- (d) Been convicted of fraud or corruption during the past five years;
- (e) Wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
- (f) Been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No. 12 of 2004) or has been listed on National Treasury's database as a person prohibited from doing business with public sector.

T1.3 STANDARD CONDITIONS OF TENDER (CIDB)

Annex C (normative)

Standard Conditions of Tender

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of 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 The employer 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 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) conflict of interest means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
 - ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

- b) comparative offer means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;
- c) corrupt practice means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) fraudulent practice means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

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 in the tender data.

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

C.1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time

C.1.6 Procurement procedures

C.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to C.3.13, be concluded with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information.

Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

C.1.6.3.2 Option 2

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

C.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

C.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

C.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

C.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

C.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

C.2.10 Pricing the tender offer

C.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable fourteen (14) days before the closing time stated in the tender data.

C.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

C.2.10.3 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.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

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.

C.2.12 Alternative tender offers

C.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

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 and all copies 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 and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package 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.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope 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.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

C.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

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

C.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

C.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

C.2.16 Tender offer validity

C.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

C.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as "SUBSTITUTE".

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 that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing 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

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

C.2.20 Submit securities, bonds and policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

C.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

C.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

C.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

C.3 The employer's undertakings

C.3.1 Respond to requests from the tenderer

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

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.

C.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

C.3.5 Two-envelope system

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

C.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

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 highest ranked tender or 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.

C.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:

Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

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:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement;
- b) 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;
- c) has the legal capacity to enter into the contract;
- d) 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;

- e) complies with the legal requirements, if any, stated in the tender data; and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

C.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

C.3.16 Registration of the award

An employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

Annex G

(normative)

Alpha-numeric associated with the Contractor Grading Designations

Table G1: Contractor grading designations and associated parameters

Contractor Grading Designation	Tender Value Range designation	Maximum value of contract that a contractor is considered capable of performing (R)
1 (class of construction works)	1	500 000
2 (class of construction works)	2	1000 000
3 (class of construction works)	3	3 000 000
4 (class of construction works)	4	6 000 000
5 (class of construction works)	5	10 000 000
6 (class of construction works)	6	20 000 000
7 (class of construction works)	7	60 000 000
8 (class of construction works)	8	200 000 000
9 (class of construction works)	9	No Limit

PART T2 RETURNABLE DOCUMENTS
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T2.1

LIST OF RETURNABLE DOCUMENTS

The Tenderer must complete the following returnable documents:

- 1
- RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES
- 2
- OTHER DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES
- 3
- RETURNABLE SCHEDULES THAT WILL BE INCORPORATED INTO THE CONTRACT
- 4
- OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT
- 5
- C1.1 OFFER AND ACCEPTANCE (INCLUDED IN PART C1: AGREEMENT AND CONTRACT DATA)
- 6
- C1.2 CONTRACT DATA (PART 2) DATA PROVIDED BY THE CONTRACTOR (INCLUDED IN PART C1: AGREEMENT AND CONTRACT DATA)
- 7
- C2.2 BILL OF QUANTITIES (INCLUDED IN PART C2: PRICING DATA)

T2.2 RETURNABLE SCHEDULES

The Tenderer must complete the following returnable documents.

T2.2.1 RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES

Form A1:	Authority for Signatory	36 - 37
Form A1.1:	Certificate of Authority for Joint Ventures	38
Form A2:	Schedule of Work Experience of the Tenderer	39 - 40
Form A3:	Details of Qualifications and Experience of Staff	41 - 42
Form A4:	Schedule of Plant and Equipment	43
Form A5:	Schedule of Sub-Contractors	44
Form A6:	Estimated Monthly Expenditure	45
Form A7:	Proposed Deviations and Qualifications by Tenderer	46
Form A8:	Certificate of Insurance Cover	47
Form A9:	Preliminary Construction Programme (for information purposes only)	48
Form A10:	Returnable Document Checklist	49

T2.2.2 OTHER DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

Form B1:	Certificate of Tenderer's Attendance at the Site/Clarification Meeting	50
Form B2:	Certificate of Registration with Construction Industry Development Board	51
Form B3:	Form Concerning Fulfilment of the Construction Regulations, 2014	52 - 53
Form B4:	Record of Addenda to Tender Documents	54
Form B5:	Letter of Intent to provide a Performance Bond	55

T2.2.3 RETURNABLE SCHEDULES THAT WILL BE INCORPORATED IN THE CONTRACT

Form C1:	Compulsory Enterprise Questionnaire	56 - 58
Form C2:	Preferencing Schedules: Preference Points Claim Form in Terms of Preferential Procurement Regulations 2022 (MBD 6.1)	59 - 65
Form C3:	Declaration of Interest (MBD 4)	66 - 68
Form C4:	Declaration of Bidder's Past Supply Chain Management Practices (MBD 8)	69 - 70
Form C5:	Certificate of Independent Bid Determination (MBD 9)	71 - 72
Form C6:	Declaration for Procurement above R10 Million (MBD5)	73
Form C7:	NOT USED	
Form C8:	NOT USED	
Form C9:	Certificate for Payment of Municipal Services (MBD10)	74
Form C10:	Compensation for occupational injuries and diseases act, 1993 (act 130 of 1993).	75
Form C11:	Form of Indemnity	76
Form C12:	Declaration by Tenderer	77

Form A1 Authority to sign a Bid

1. SOLE PROPRIETOR (SINGLE OWNER BUSINESS) AND NATURAL PERSON

1.1. I, _____, the undersigned, hereby confirm that I am the sole owner of the business trading as _____.

OR

1.2. I, _____, the undersigned, hereby confirm that I am submitting this tender in my capacity as natural person.

SIGNATURE:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

2. COMPANIES AND CLOSE CORPORATIONS

2.1. If a Bidder is a **COMPANY**, a certified copy of the resolution by the board of directors, duly signed, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company **must be submitted with this bid**, that is, before the closing time and date of the bid

2.2. In the case of a **CLOSE CORPORATION (CC)** submitting a bid, a resolution by its members, authorizing a member or other official of the corporation to sign the documents on their behalf, **shall be included with the bid**.

PARTICULARS OF RESOLUTION BY BOARD OF DIRECTORS OF THE COMPANY/MEMBERS OF THE CC

Date Resolution was taken			
Resolution signed by (name and surname)			
Capacity			
Name and surname of delegated Authorised Signatory			
Capacity			
Specimen Signature			
Full name and surname of ALL Director(s) / Member (s)			
1.		2.	
3.		4.	
5.		6.	
7.		8.	
9.		10.	
Is a CERTIFIED COPY of the resolution attached?		YES	NO
SIGNED ON BEHALF OF COMPANY / CC:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

3. PARTNERSHIP

We, the undersigned partners in the business trading as _____ hereby authorize Mr/Ms _____ to sign this bid as well as any contract resulting from the bid and any other documents and correspondence in connection with this bid and /or contract for and on behalf of the abovementioned partnership.

The following particulars in respect of every partner must be furnished and signed by every partner:

Full name of partner		Signature	
SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

4. CONSORTIUM

We, the undersigned consortium partners, hereby authorize _____ (Name of entity) to act as lead consortium partner and further authorize Mr./Ms. _____ To sign this offer as well as any contract resulting from this tender and any other documents and correspondence in connection with this tender and / or contract for and on behalf of the consortium.

The following particulars in respect of each consortium member must be provided and signed by each member:

Full Name of Consortium Member	Role of Consortium Member	% Participation	Signature
SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

Form A1.1 Certificate of Authority for Joint Ventures

This returnable schedule is to be completed by JOINT VENTURES

We, the undersigned, are submitting this tender offer in joint venture and hereby authorize Mr./Ms. _____

authorized signatory of the Company/Close Corporation/Partnership (name) _____

_____, acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

(i) Name of firm (Lead partner)			
Address			
		Tel. No.	
Signature		Designation	

(ii) Name of firm			
Address			
		Tel. No.	
Signature		Designation	

(iii) Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

(iv) Name of firm			
Address			
		Tel. No.	
Signature		Designation	

NOTE: A copy of the Joint Venture Agreement showing clearly the percentage contribution of each partner to the Joint Venture, shall be appended to this Schedule.

Form A2 Schedule of Work Experience of the Tenderer

The following is a statement of projects successfully completed or currently being undertaken by our company. This schedule will be used to conduct a risk assessment of the Tenderers capacity to undertake the project and all information must be completed in full or the Tender may be considered non-responsive. Please attach a schedule with the same information to this page if the

A minimum of 5 contracts with a value of R20 million (CIDB Grading 7) or more undertaken in the past 10 years should have been undertaken by the Tenderer.

COMPLETED CONTRACTS BY TENDERER						
EMPLOYER (Name, Tel, Fax, Email)		Contact Person (Name, Tel, Fax, Email)		NATURE OF WORK	VALUE OF WORK (INCL. VAT)	DATE STARTED AND COMPLETED
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				

CURRENT CONTRACTS BY TENDERER						
EMPLOYER (Name, Tel, Fax, Email)		Contact Person (Name, Tel, Fax, Email)		NATURE OF WORK	VALUE OF WORK (INCL. VAT)	DATE STARTED AND COMPLETED
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				

Number of sheets appended by the tenderer to this schedule (If nil, enter **NIL**)

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A3 Details of Qualifications and Experience of Staff

Tenderers shall set out in the Schedule hereunder details of the listed staff's experience in work of a similar nature to that for which their Tender is submitted. Key staff member experience will be evaluated on them having done contracts of similar scope or value in the key positions proposed. The information shall be supplied separately and attached to this schedule, in the tabulated format given as examples below, for each key person. Certified qualifications shall be attached to this form. In the case of an association / joint venture / consortium, it should be indicated how the duties and responsibilities are to be shared.

PROJECT DIRECTOR / CONTRACTS MANAGER	NAME:DEGREE/DIPLOMA			
CONTRACT & CLIENT	NATURE OF WORK	POSITION HELD	VALUE OF WORK	YEAR COMPLETED

SITE AGENT / CONSTRUCTION MANAGER (GCC 2015 4.12.2)	NAME:NQF LEVEL.....			
CONTRACT & CLIENT	NATURE OF WORK	POSITION HELD	VALUE OF WORK	YEAR COMPLETED

GENERAL FOREMAN/	NAME:NQF LEVEL.....
-------------------------	----------------------------------

CONSTRUCTION SUPERVISOR				
CONTRACT & CLIENT	NATURE OF WORK	POSITION HELD	VALUE OF WORK	YEAR COMPLETED

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A4 Schedule of Plant and Equipment

The following are lists of major items of relevant equipment that I/we **presently** own or lease and will have available for this contract or will acquire or hire for this contract if my / our tender is accepted.

DETAILS OF MAJOR EQUIPMENT THAT IS OWNED BY AND IMMEDIATELY AVAILABLE FOR THIS CONTRACT.			
QUANTITY	DESCRIPTION	SIZE	CAPACITY

Attach additional pages if more space is required.

DETAIL OF MAJOR EQUIPMENT THAT WILL BE HIRED, ORE ACQUIRED FOR THIS CONTRACT IF MY / OUR TENDER IS ACCEPTED.			
QUANTITY	DESCRIPTION,	SIZE	CAPACITY

Attach additional pages if mores space is required.

Number of sheets appended by the tenderer to this schedule <i>(If nil, enter NIL)</i>	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A5 Schedule of Sub-Contractors

I/we the tenderer, notify the Stellenbosch Municipality that it is our intention to employ the following Subcontractors for work (excluding provisional sums and contingencies) in this contract.

SUBCONTRACTORS				
Category / Type	Subcontractor Name; Address; Contact Person; Tel. No.		Items of work (pay items) to be undertaken by the Subcontractor	Estimated cost of Work (Rand)
1.	Name of firm			
	Contact person			
	Tel No			
	Address			
2.	Name of firm			
	Contact person			
	Tel No			
	Address			
3.	Name of firm			
	Contact person			
	Tel No			
	Address			
4.	Name of firm			
	Contact person			
	Tel No			
	Address			
5.	Name of firm			
	Contact person			
	Tel No			
	Address			

Number of sheets appended by the tenderer to this schedule (<i>If nil, enter NIL</i>)	
---	--

Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any of the subcontractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed above being approved by the Employers Agent.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A6 Estimated Monthly Expenditure

The tenderer shall state below the estimated value of work to be completed every month, based on his preliminary programme and his tendered unit rates.

The amount for contingencies must not be included.

MONTH		VALUE
1	R	
2	R	
3	R	
4	R	
5	R	
6	R	
7	R	
8	R	
9	R	
SUBTOTAL		R
CONTINGENCIES		(10%)
SUBTOTAL		
VAT (15%)		
TOTAL INCL. VAT		

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A7 Proposed Deviations and Qualifications by Tenderer
--

The Tenderer should record any **proposed** deviations or qualifications he may wish to make to the Tender Documents in this Returnable Schedule. Alternatively, a Tenderer may state such proposed deviations and qualifications in a covering letter attached to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause C3.8.2 of the Standard Conditions of Tender referenced in the Tender Data regarding the Employer's handling of material deviations and qualifications.

If no deviations or modifications are desired, the schedule hereunder is to be marked NIL and signed by the tenderer.

PAGE	CLAUSE OR ITEM	DESCRIPTION

Number of sheets appended by the tenderer to this schedule (<i>If nil, enter NIL</i>)	
---	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A8 Certificate of Insurance Cover
--

Note to tenderer:

In the event of the tenderer being a joint venture/consortium, the details of the individual members must also be provided.

The Tenderer shall provide the following details of this insurance cover:

(i) Name of tenderer:

(ii) Period of Validity:

(iii) Value of Insurance:

- Insurance for Works and Contractor's equipment

Company:

Value:

- Insurance for Contractor's personnel

Company:

Value:

- General public liability

Company:

Value:

- SASRIA

Company:

Value:

Number of sheets appended by the tenderer to this schedule (<i>If nil, enter NIL</i>)	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A9 Preliminary Construction Programme (for information purposes only)
--

The tenderer shall attach a preliminary programme, to this Form.

This programme shall:

- be in the form of a bar chart (Gantt chart) or similar acceptable time/activity form reflecting the proposed sequence and tempo of execution of the various activities and the quantities that will be carried out every week under each of the elements, comprising the work for this contract;
- also indicate the point where the Tenderer intends to commence work operations and the direction in which the work will proceed;
- be in accordance with the information provided in Form A4: Schedule of Plant and Equipment, Form A6: Estimated monthly expenditure, and with all other aspects of the Tender; and
- indicate planned working hours.

Details of the preliminary programme shall be appended to this Form.

Number of sheets appended by the tenderer to this schedule (<i>If nil, enter NIL</i>)	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form A10 Returnable Document Checklist

This form has been created as an aid to ensure a tenderer's compliance with the completion of the returnable schedules.

Reference No	Document Description	Tick if completed
Form A1:	Authority for Signatory	
Form A1.1:	Certificate of Authority for Joint Ventures	
Form A2:	Schedule of Work Experience of the Tenderer	
Form A3:	Details of Qualifications and Experience of Staff	
Form A4:	Schedule of Plant and Equipment	
Form A5:	Schedule of Sub-Contractors	
Form A6:	Estimated Monthly Expenditure	
Form A7:	Proposed Deviations and Qualifications by Tenderer	
Form A8:	Certificate of Insurance Cover	
Form A9:	Preliminary Construction Programme (for information purposes only)	
Form A10:	Returnable Document Checklist	
Form B1	Certificate of Tenderer's Attendance at the Site/Clarification Meeting	
Form B2	Proof of Registration with Construction Industry Development Board	
Form B3	Form Concerning Fulfilment of the Construction Regulations, 2014	
Form B4	Record of Addenda to Tender Documents	
Form B5	Letter of Intent to Provide a Performance Bond	
Form C1	Compulsory Enterprise Questionnaire	
Form C2	Preferencing Schedules (MBD6.1)	
Form C3	Declaration of Interest (MBD4)	
Form C4	Declaration of Bidder's Past Supply Chain Management Practices	
Form C5	Certificate of Independent Bid Determination	
Form C6	Declaration for Procurement above R10 Million (MBD5)	
Form C7	Guidance document for the calculation of local content attached for information purposes (MBD6.2)	
Form C8	Declaration certificate for local production and content for designated sectors	
Form C9	Certificate for Payment of Municipal Services (MBD10)	
Form C10	Compensation for occupational injuries and diseases act, 1993 (act 130 of 1993)	
Form C11	Form of Indemnity	
Form C12	Declaration by Tenderer	

Form B1	Certificate of Tenderer's Attendance at the Site/Clarification Meeting
----------------	---

I / We, the undersigned, certify that I / we have examined the Site for the Works and its surroundings for which I / we am / are submitting this Tender and have, as far as practicable possible, familiarized myself / ourselves with all information, risks, contingencies and other circumstances which may influence or affect my / our tender.

NAME & SURNAME			
CAPACITY			
NAME OF FIRM			
ADDRESS			
TELEPHONE NO		FAX NO:	
E-MAIL		SIGNATURE	

NB: Please note that no latecomers will be allowed.

*For all compulsory briefing sessions/site meetings/clarification meetings, bids received from interested bidders that did not attend the meeting or arrived later than predetermined date and time, will be **disqualified***

Form B2 Certificate of Registration with CIDB

CIDB Contractor Registration Certificate

A Certificate of Contractors Registration issued by the Construction Industry Development Board (CIDB) shall be attached to this schedule.

Where a tenderer satisfies CIDB Contractor Grading designation requirements through joint venture formation, such tenderers must submit the Certificates of Contractor Registration in respect of each partner.

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)	
CRS Number:	

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form B3 Concerning Fulfilment of the Construction Regulations, 2014

In terms of Regulation 5(1)(h) of the Construction Regulations, 2014 (hereinafter referred to as the Regulations), promulgated on 7 February 2014 in terms of Section 43 of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), the Employer shall not appoint a Contractor to perform construction work unless the Contractor can satisfy the Employer that his/her firm has the necessary competencies and resources to carry out the work safely and has allowed adequately in his/her Tender for the due fulfilment of all the applicable requirements of the Act and the Regulations.

- 1 I confirm that I am fully conversant with the Regulations and that my company has (or will acquire/procure) the necessary competencies and resources to timeously, safely and successfully comply with all of the requirements of the Regulations. (Tick)
- | | |
|------------|--|
| YES | |
| NO | |
- 2 Proposed approach to achieve compliance with the Regulations (Tick)

Own resources, competent in terms of the Regulations (refer to 3 below)	
Own resources, still to be hired and/or trained (until competency is achieved)	
Specialist subcontract resources (competent) - specify:	

- 3 Provide details of proposed key persons, competent in terms of the Regulations, who will form part of the Contract team as specified in the Regulations (CVs to be attached):

.....

.....

.....

.....

.....

.....

- 4 Provide details of proposed training (if any) that will be undergone:

.....

.....

.....

.....

.....

.....

5 Potential key risks identified and measures for addressing risks:

.....

.....

.....

.....

.....

.....

.....

- 6 I have fully included in my tendered rates and prices (in the appropriate payment items provided in the Bill of Quantities) for all resources, actions, training and any other costs required for the due fulfilment of the Regulations for the duration of the construction and defects repair period.

YES	
NO	

(Tick)

- 7 The tenderer shall attach to this Form evidence that he is registered and in good standing with a compensation insurer who is approved by Department of Labour in terms of section 80 of the Compensation for Injury and Disease Act, 1993 (Act No 130 of 1993)(COID).

The tenderer is required to disclose, by also attaching documentary evidence to this form, all inspections, investigations and their outcomes conducted by the Department of Labour into the conduct of the Tenderer at any time during the 36 months preceding the date of this Tender.

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form B4 Record of Addenda to Tender Documents

We confirm that the following communications issued by the Employer before the submission of this Tender offer, amending the Tender Documents, have been taken into account in this Tender offer:

	Date	Title or details
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)	
--	--

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form B5 Letter of Intent to Provide a Construction Guarantee
--

It is hereby agreed that a Performance Bond drafted exactly as set out in the attached examples (See Section C1.3: Form of Guarantee) will be provided by the Surety named below:

Name of Surety (Bank or Insurer)

Address:

.....

.....

Signed:

Name:

.....

Capacity:

On behalf of Tenderer
(name of tenderer)

Date:

CONFIRMED BY Surety's Authorised representative

Signature(s):

Name (print):

Capacity

On behalf of Surety (Bank or Insurer)

Date:

Form C1 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 2A: NATIONAL TREASURY CENTRAL SUPPLIER DATABASE REGISTRATION NUMBER

SECTION 2B: SARS TAX COMPLIANCE STATUS PIN

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 ☐ a member of any provincial legislature ☐ a member of the National Assembly or the National Council of Province ☐ a member of the board of directors of any municipal entity ☐ an official of any municipality or municipal entity	☐ 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 No 1 of 1999) ☐ a member of an accounting authority of any national or provincial public entity ☐ an employee of Parliament or a provincial legislature
--	--

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 or 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, in the service of any of the following:

☐ a member of any municipal council ☐ a member of any provincial legislature ☐ a member of the National Assembly or the National Council of Province ☐ a member of the board of directors of any municipal entity ☐ an official of any municipality or municipal entity	☐ 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 No 1 of 1999) ☐ a member of an accounting authority of any national or provincial public entity ☐ an employee of Parliament or a provincial legislature
--	--

*

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:

- (i) authorises the Employer to obtain a tax clearance certificate from the South African Revenue Services that my/our tax matters are in order;
- (ii) confirms that 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, 2004;

- (iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise, has within the last five years been convicted of fraud or corruption;
- (iv) 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
- (v) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

Form C2 MBD6.1 – PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 – PURCHASES/SERVICES 80/20

NB:

Before completing this form, bidders must study the general conditions, definitions and directives applicable in respect of B-BBEE, as prescribed in the Preferential Procurement Regulations, 2022 and the Stellenbosch Preferential Procurement Policy 2022/23

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 The value of this bid is estimated to **not exceed R50 000 000** (all applicable taxes included) and therefore the **80/20** preference point system shall be applicable

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 Failure on the part of a bidder to submit proof of Locality together with the bid, will be interpreted to mean that preference points for Locality are not claimed.(N/A)

1.7 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.

- (g) “**Locality**” means the local suppliers and/or service providers that business offices are within the Municipal area of Stellenbosch (WC024).
- (h) “**price**” includes all applicable taxes less all unconditional discounts;
- (i) “**proof of B-BBEE status level of contributor**” means:
- 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (j) “**QSE**” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (k) “**Specific goals**” means specific goals as contemplated in section 2(1)(d) of the Act which may include contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability including the implementation of programmes of the Reconstruction and Development Programme as published in Government Gazette No. 16085 dated 23 November 1994;
- (l) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

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:

$$\begin{array}{ccc}
 \text{80/20} & \text{or} & \text{90/10} \\
 P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)
 \end{array}$$

Where

P_s = Points scored for price of bid under consideration
 P_t = Price of bid under consideration
 $P_{\min}$ = Price of lowest acceptable bid

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

4.1 POINTS AWARDED FOR PRICE

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

$$\begin{array}{ccc}
 \text{80/20} & \text{or} & \text{90/10} \\
 P_s = 80 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right)
 \end{array}$$

Where

P_s = Points scored for price of bid under consideration
 P_t = Price of bid under consideration
 $P_{\max}$ = Price of highest acceptable bid

5. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 5.1 In terms of Regulation 4 (2) and 5 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining a specific goal specified for the tender
- 5.2 The tendering conditions will stipulate the specific goals, as contemplated in section 2(1)(d)(ii) of the Preferential Procurement Act, be attained.
- 5.3 A maximum of 20 points (80/20 preference points system) or 10 (90/10) preference points system), must be allocated for specific goals. These goals are :
- (a) contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender or disability;
 - (b) Promotion of enterprises located in the municipal area (WCO24) (N/A)
- 5.4 Regarding par 5.3 (a) at least 50% of the 20/10 points must be allocated to promote this goal and points will be allocated in terms of the BBBEE scorecard as follows.

B-BBEE Status Level of Contributor	Number of Points for 80/20 Preference Points System	Number of Points for 90/10 Preference Points System
1	20	10
2	18	9
3	16	8
4	12	5
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant contributor	0	0

- 5.5 A tenderer must submit proof of its BBBEE status level contributor.
- 5.6 A tenderer failing to submit proof of BBBEE status level of contributor –
- 5.6.1 may only score in terms of the 80/90-point formula for price; and
 - 5.6.2 scores 0 points out of 10/5 BBBEE status level of contributor, which is in line with section 2 (1) (d) (i) of the Act, where the supplier or service provider did not provide proof thereof.
- 5.7 Regarding par 5.3 (b) a maximum of 50% of the 20/10 points must be allocated to promote this goal. Maximum points will be allocated as follows.

Locality of supplier	Number of Points for 80/20 Preference Points System	Number of Points for 90/10 Preference Points System
Within the boundaries of the municipality	N/A	N/A
Outside of the boundaries of the municipality	0	0

6. BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.4

- 7.1 B-BBEE Status Level of Contributor: . = (maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.4 and must be substantiated by relevant proof of B-BBEE status level of contributor.

- 7.2 Within the boundaries of Stellenbosch Municipality (WC024)? (N/A)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

Business Address -

.....

.....

(Points claimed in respect of paragraph 7.2 must be substantiated by relevant proof that the business premises is situated in the Municipal area of Stellenbosch (WC024). A valid municipal account or proof of valid lease agreement, or sworn affidavit must be attached)(N/A)

8. SUB-CONTRACTING

8.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

8.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
 - ☐ One person business/sole propriety
 - ☐ Close corporation
 - ☐ Company
 - ☐ (Pty) Limited
- [TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

9.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
☐ Supplier
☐ Professional service provider
☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

9.7 **MUNICIPAL INFORMATION**

Municipality where business is situated:

Registered Account Number:

Stand Number:.....

9.8 Total number of years the company/firm has been in business:.....

9.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 7.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 7.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) 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;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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
 - (e) forward the matter for criminal prosecution.

SIGNATURE OF BIDDER(S):			
WITNESS 1:		WITNESS 2:	
DATE:			
ADDRESS:			



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PLEASE COMPLETE IN FULL TO CLAIM POINTS

SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE – GENERAL
(DRAFT EXAMPLE)

I, the undersigned,

Full name & Surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner (**Select one**) of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Vat Number (If applicable)	
Enterprise Physical Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Business:	
Definition of “Black People”	<p>As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 “Black People” is a generic term which means Africans, Coloureds and Indians –</p> <ul style="list-style-type: none"> (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalisation- <ul style="list-style-type: none"> i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;”
Definition of “Black Designated Groups”	<p>“Black Designated Groups means:</p> <ul style="list-style-type: none"> (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;”



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3. I hereby declare under Oath that:

- The Enterprise is _____ % Black Owned using the flow-through principle as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- The Enterprise is _____ % Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- The Enterprise is _____ % Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- Black Designated Group Owned % Breakdown as per the definition stated above:
 - Black Youth % = _____ %
 - Black Disabled % = _____ %
 - Black Unemployed % = _____ %
 - Black People living in Rural areas % = _____ %
 - Black Military Veterans % = _____ %
- Based on the Audited Financial Statements/~~Financial Statements and other~~ information available on the latest financial year-end of _____ (DD/MM/YYYY), the annual Total Revenue was R10,000,000.00 (Ten Million Rands) or less
- Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box.**

100% Black Owned	Level One (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	Level Two (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	Level Four (100% B-BBEE procurement recognition level)	

4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise which I represent in this matter.

5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent Signature: _____

Date : _____

NB! ORIGINALLY CERTIFIED/ NOT COPY

Commissioner of Oaths

Signature & stamp

Date:



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Form C3 Declaration of Interest

MBD4

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid:

3.1.	Full Name of bidder or his or her representative												
3.2.	Identity Number												
3.3.	Position occupied in the Company (director, shareholder ² etc.)												
3.4.	Company Registration Number												
3.5.	Tax Reference Number												
3.6.	VAT Registration Number												

3.7.	Are you presently in the service of the state?	YES		NO	
3.7.1.	If so, furnish particulars:				
3.8.	Have you been in the service of the state for the past twelve months?	YES		NO	
3.8.1.	If so, furnish particulars:				

¹ MSCM Regulations: "in the service of the state" means to be –

- a. a member of –
 - i. any municipal council;
 - ii. any provincial legislature; or
 - iii. the National Assembly or the National Council of Provinces;
- b. a member of the board of directors of any municipal entity;
- c. an official of any municipality or municipal entity;
- d. an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- e. an executive member of the accounting authority of any national or provincial public entity; or
- f. an employee of Parliament or a provincial legislature.

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



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3.9.	Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?	YES		NO
3.9.1.	If so, furnish particulars:			
3.10.	Are you aware of any relationship (family, friend, other) between a bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?	YES		NO
3.10.1.	If so, furnish particulars:			
3.11.	Are any of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES		NO
3.11.1.	If so, furnish particulars:			
3.12.	Is any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES		NO
3.12.1.	If so, furnish particulars:			
3.13.	Do you or any of the directors, trustees, managers, principal shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract?	YES		NO
3.13.1.	If so, furnish particulars:			



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3.14.	Please provide the following information on ALL directors/shareholders/trustees/members below:		
Full Name and Surname	Identity Number	Personal Income Tax Number	Provide State ³ Employee Number

NB: a) PLEASE ATTACH CERTIFIED COPY(IES) OF ID DOCUMENT(S) b) PLEASE PROVIDE PERSONAL INCOME TAX NUMBERS FOR ALL DIRECTORS / SHAREHOLDERS / TRUSTEES / MEMBERS, ETC.

4. DECLARATION

I, the undersigned (name) _____, certify that the information furnished in paragraph 3 above is correct.

I accept that the state may act against me should this declaration prove to be false.

SIGNATURE		DATE	
NAME OF SIGNATORY			
POSITION			
NAME OF COMPANY			

³ MSCM Regulations: "in the service of the state" means to be –

- a. a member of –
 - i. any municipal council;
 - ii. any provincial legislature; or
 - iii. the National Assembly or the National Council of Provinces;
- b. a member of the board of directors of any municipal entity;
- c. an official of any municipality or municipal entity;
- d. an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- e. an executive member of the accounting authority of any national or provincial public entity; or
- f. an employee of Parliament or a provincial legislature.



Form C4 MBD 8 – DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

1. This Municipal Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - 3.1. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - 3.2. been convicted for fraud or corruption during the past five years;
 - 3.3. wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - 3.4. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

4.1	Is the bidder or any of its directors listed on the National Treasury's database as a company or person prohibited from doing business with the public sector? <i>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the audi alteram partem rule was applied).</i>	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <i>(To access this Register enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).</i>	Yes	No
4.2.1	If so, furnish particulars:		



4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes	No
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.5.1	If so, furnish particulars:		

5. CERTIFICATION

I, the undersigned (full name), _____, certify that the information furnished on this declaration form true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

SIGNATURE:		NAME (PRINT):	
CAPACITY:		DATE:	
NAME OF FIRM:			



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Form C5 MBD 9 – CERTIFICATE OF INDEPENDENT BID DETERMINATION

1. This Municipal Bidding Document (MBD) must form part of all bids invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).⁴ Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - 3.1. take all reasonable steps to prevent such abuse;
 - 3.2. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - 3.3. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

CERTIFICATE OF INDEPENDENT BID DETERMINATION:

In response to the invitation for the bid made by:

STELLENBOSCH MUNICIPALITY

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

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word “competitor” shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - 5.1. has been requested to submit a bid in response to this bid invitation;
 - 5.2. could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or

⁴ Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.



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experience; and

- 5.3. provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium⁵ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - 7.1. prices;
 - 7.2. geographical area where product or service will be rendered (market allocation)
 - 7.3. methods, factors or formulas used to calculate prices;
 - 7.4. the intention or decision to submit or not to submit, a bid;
 - 7.5. the submission of a bid which does not meet the specifications and conditions of the bid; or
 - 7.6. bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

SIGNATURE:		NAME (PRINT):	
CAPACITY:		DATE:	
NAME OF FIRM:			

⁵ 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.



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Form C6 MBD 5 - DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (VAT INCL.)

For all procurement expected to exceed R10 million (VAT included), bidders must complete the following questionnaire:

1. Are you by law required to prepare annual financial statements for auditing?	YES		NO	
1.1. If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.				
2. Do you have any outstanding undisputed commitments for municipal services towards a municipality or any other service provider in respect of which payment is overdue for more than 30 days?	YES		NO	
2.1. If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days.				
2.2. If yes, provide particulars.				
3. Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?	YES		NO	
3.1. If yes, furnish particulars				
4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?	YES		NO	
4.1 If yes, furnish particulars				

CERTIFICATION

I, the undersigned (name) _____ certify that the information furnished on this declaration form is correct.

I accept that the state may act against me should this declaration prove to be false.

SIGNATURE		DATE	
NAME (PRINT)			
CAPACITY			
NAME OF FIRM			



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Form C9**MBD 10 – CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES****DECLARATION IN TERMS OF CLAUSE 112(1) OF THE MUNICIPAL FINANCE MANAGEMENT ACT (NO.56 OF 2003)**

I, _____, _____ (full name and ID no.), hereby acknowledge that according to SCM Regulation 38(1)(d)(i), the Municipality may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the Tenderer or any of its directors/members/partners to the Stellenbosch Municipality, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months.

I declare that I am duly authorised to act on behalf of _____ (name of the firm) and hereby declare, that to the best of my personal knowledge, neither the firm nor any director/member/partner of said firm is in arrears on any of its municipal accounts with any municipality in the Republic of South Africa, for a period longer than 3 (three) months.

I further hereby certify that the information set out in this schedule and/or attachment(s) hereto is true and correct. The Tenderer acknowledges that failure to properly and truthfully complete this schedule may result in the tender being disqualified, and/or in the event that the tenderer is successful, the cancellation of the contract.

PHYSICAL BUSINESS ADDRESS(ES) OF THE TENDERER	MUNICIPAL ACCOUNT NUMBER

FURTHER DETAILS OF THE BIDDER'S Director / Shareholder / Partners, etc.:

Director / Shareholder / partner	Physical address of the Business	Municipal Account number(s)	Physical residential address of the Director / shareholder / partner	Municipal Account number(s)

NB: Please attach certified copy (ies) of ID document(s) and Municipal Accounts

If the entity or any of its Directors/Shareholders/Partners, etc. rents/leases premises, a copy of the rental/lease agreement must be submitted with this tender.

Signature	Position	Date



**Form C10 COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT,
 1993 (ACT 130 OF 1993)**

COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)

Stellenbosch Municipality has legal duty in terms of Section 89 of the said Act to ensure that all contractors with whom agreements are entered into for the execution of work are registered as employers in accordance with the provisions of this Act and that all the necessary assessments have been paid by the contractor.

In order to enter into this agreement, the following information is needed regarding the above-mentioned:

Contractor's registration number with the office of the Compensation Commissioner:

NOTE:

A copy of the latest receipt together with a copy of the relevant assessment OR a copy of a valid Letter of Good Standing must be handed in, in this regard.

PRINT NAME:			
CAPACITY:		Name of firm	
SIGNATURE:		DATE:	



Form C11 FORM OF INDEMNITY

INDEMNITY

Given by (Name of Company) _____
of (registered address of Company) _____
a company incorporated with limited liability according to the Company Laws of the Republic of South Africa
(hereinafter called the Contractor), represented herein by
(Name of Representative) _____ in his capacity as
(Designation) _____ of the Contractor,
is duly authorised hereto by a resolution dated _____ /20____, to
sign on behalf of the Contractor.

WHEREAS the Contractor has entered into a Contract dated _____ / 20____,
with the Municipality who require this indemnity from the Contractor.

NOW THEREFORE THIS DEED WITNESSES that the Contractor does hereby indemnify and hold harmless the Municipality in respect of all loss or damage that may be incurred or sustained by the Municipality by reason of or in any way arising out of or caused by operations that may be carried out by the Contractor in connection with the aforementioned contract; and also in respect of all claims that may be made against the Municipality in consequence of such operations, by reason of or in any way arising out of any accidents or damage to life or property or any other cause whatsoever; and also in respect of all legal or other expenses that may be incurred by the Municipality in examining, resisting or settling any such claims; for the due performance of which the Contractor binds itself according to law.

SIGNATURE OF CONTRACTOR:	
DATE:	
SIGNATURE OF WITNESS 1:	
DATE:	
SIGNATURE OF WITNESS 2:	
DATE:	



Form C12 DECLARATION BY TENDERER

I / We acknowledge that I / we am / are fully acquainted with the contents of the conditions of tender of this tender document and that I / we accept the conditions in all respects.

I / We agree that the laws of the Republic of South Africa shall be applicable to the contract resulting from the acceptance of *my / our tender and that I / we elect *domicillium citandi et executandi* (physical address at which legal proceedings may be instituted) in the Republic at:

I / We accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving in me / us under this agreement as the principal liable for the due fulfilment of this contract.

I / We furthermore confirm I / we satisfied myself / ourselves as to the corrections and validity of my / our tender; that the price quoted cover all the work / items specified in the tender documents and that the price(s) cover all my / our obligations under a resulting contract and that I / we accept that any mistake(s) regarding price and calculations will be at my / our risk.

I / We furthermore confirm that my / our offer remains binding upon me / us and open for acceptance by the Purchases / Employer during the validity period indicated and calculated from the closing date of the bid.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			
WITNESS 1		WITNESS 2	

THE CONTRACT

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PART C1 AGREEMENT AND CONTRACT DATA

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C1.1 FORM OF OFFER AND ACCEPTANCE

NOTE:

1. This form must be completed in duplicate by both the successful bidder (Part 1) and the purchaser (Part 2). Both forms must be signed in the original so that the successful bidder and the purchaser will be in possession of originally signed contracts for their respective records.
2. NO correction fluid/tape may be used.
 - a. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.
3. The Bidder **MUST** indicate whether he/she/the entity is a registered VAT Vendor or not.
 - a. In the case of the Bidder not being a registered VAT Vendor, both columns (amount/rate excluding AND including VAT) must reflect the same amount.

	INDICATE WITH AN 'X'							
Are you/is the firm a registered VAT Vendor	YES				NO			
If "YES", please provide VAT number								

1. OFFER

- 1.1. The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works: **B/SM:25/25**.
- 1.2. The tenderer, identified in the Offer signature block, has examined the draft contract as listed in the Acceptance section and agreed to provide this Offer.
- 1.3. By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the **Employer** 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 VAT IS:	
In figures:	R
In words:	

- 1.4. 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.

Signature(s)			
Name(s)			
Capacity			
Name of tenderer:			
Name of witness:	<i>(Insert name and address of organisation)</i>	Date	
Signature of witness:			

2. ACCEPTANCE

- 2.1. 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.
- 2.2. Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto 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.
- 2.3. 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.

Signature(s):		
Name(s):		
Capacity:		
For the Employer:	Stellenbosch Municipality, Plein Street, Stellenbosch	
Name of witness:		Date:
Signature of witness:		

SCHEDULE OF DEVIATIONS

Notes:

1. The extent of deviations from the Tender Documents issued by the Employer prior to the Tender closing date is limited to those permitted in terms of the Conditions of Tender.
2. A Tenderer's covering letter shall not be included in the final Contract Document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the Tender Documents and which is agreed by the Parties becomes an obligation of the Contract and shall also be recorded here.
4. Any change or addition to the Tender Documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1	Subject
	Details
2	Subject
	Details
3	Subject
	Details
4	Subject
	Details
5	Subject
	Details
6	Subject
	Details

By the duly authorised representatives signing this Schedule of Deviations, 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 change 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.

FOR THE TENDERER:

Signature(s) _____

Name(s) _____

Capacity _____

[Name and address of organisation]

Name and signature of witness _____ Date _____

FOR THE EMPLOYER:

Signature(s) _____

Name(s) _____

Capacity _____

[Name and address of organisation]

Name and signature of witness _____ Date _____

CONFIRMATION OF RECEIPT

The Tenderer (now Contractor), identified in the Offer part of this Agreement, hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations (if any) today:

The [day]
of [month]
20[year]
at[place]

For the Contractor:
Signature
.....
Name
.....
Capacity

Signature and name of witness:
Signature
.....
Name

C1.2 CONTRACT DATA

PART 1: Contract Data provided by the Employer

Part 1: Contract Data provided by the Employer

The Conditions of Contract are clauses 1 to 30 of the **JBCC Principal Building Agreement Edition 6.2 of May 2018**, as prepared by the Joint Building Contracts Committee Inc.

Copies of these conditions of contract may be obtained from various constituent members' regional offices. Please consult the JBCC webpage on www.jbcc.co.za for contact details of these members.

The pro forma "JBCC Principal Agreement: Contract Data" as defined in clause 1 of the conditions of contract prepared by the Joint Building Contracts Committee shall not apply to this Contract and shall be replaced with the documentation incorporated into this tender document.

The pro forma "Guarantee for Construction" and "Guarantee for Advanced Payment" as defined in clause 1 of the conditions of contract prepared by the Joint Building Contracts Committee shall not apply to this Contract and shall be replaced with the documentation incorporated into this tender document.

The JBCC Principal Building Agreement makes several references to the Contract Data 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 Contract Data 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.

The JBCC Principal Building Agreement shall be read in conjunction with the variations, amendments and additions set out in the Contract Specific Data below.

The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:

- a) the Form of Offer and Acceptance
- b) the Contract Data
- c) JBCC Principal Building Agreement Edition as stated herein
- d) the Drawings
- e) the Scope of Work
- f) the Pricing Data
- g) the Model Preambles for Trades.

PRINCIPAL BUILDING AGREEMENT Contract Data**A PROJECT INFORMATION****A1.0 Works [1.1]**

Project name	PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH
Reference number	B/SM 25/25
Works description	The scope of work entails maintenance and upgrades to the Hofman Building on the corner of Hofman Street and Merriman Avenue, Stellenbosch. The works include the removal of asbestos roofing and accessories and replacing with new, an extension to the Eastern side of the building and internal renovations and alterations. External works include new paving, external ramps and enhancing site security with new gates and fencing. The upgrades include structural, electrical and fire compliance.

A2.0 Site [1.1]

Erf / stand number	RE/194
Township / Suburb	Stellenbosch
Site address	Hofman Street, stellenbosch
Local authority	Stellenbosch Municipality

A 3.0 Employer [1.1]

Name	Stellenbosch Municipality		
Legal entity of above	Stellenbosch Municipality	Contact person	Ehrel Maletzky
Business registration number	N/A	Telephone number	021 808 8153
VAT /GST number	47001021811	Mobile number	N/A
Country	South Africa	Email	Ehrel.Maletzky@stellenbosch.gov.za
Postal Address	PO Box 17		
	Stellenbosch	Postal Code	7599
Physical Address	NPK Building, c/o Ryneveld and Plein Street, Stellenbosch		
		Postal Code	

A 4.0 Principal Agent [1.1]

Name	Ikamva Architects SA (Pty) Ltd		
Legal entity of above		Contact person	I Engelbrecht
Practice number		Telephone number	021 020 2350
		Mobile number	N/A
Country	South Africa	Email	isabelle@i-sa.co.za
Postal Address	148 Main Road, Hoog-En-Droog, Paarl,		
		Postal Code	7646
Physical Address	148 Main Road, Hoog-En-Droog, Paarl,		
		Postal Code	7646

A 5.0 **Agent** [1.1; 6.2]**Discipline** **Quantity Surveyors**

Name	Bergh Erasmus Quantity Surveyors		
Legal entity of above		Contact person	D Erasmus
Practice number		Telephone number	021 592 6441
		Mobile number	083 324 4111
Country	South Africa	Email	derasmus@beqs.co.za
Postal Address	PO Box 12275, N1 City		
		Postal Code	7463
Physical Address	Unit F6, The Courtyard, 1 West Park, Century City		
		Postal Code	7441

A 6.0 **Agent** [1.1; 6.2]**Discipline** **Structural Engineering**

Name	Frame Consulting Engineers		
Legal entity of above	Frame Consulting Engineers	Contact person	B Koegelenberg
Practice number		Telephone number	021 872 4436
		Mobile number	078 352 1412
Country	South Africa	Email	Burger.koegelenberg@framegroup.co.za
Postal Address	277 Main Road, Paarl		
		Postal Code	7646
Physical Address	277 Main Road, Paarl		
		Postal Code	7646

A 7.0 **Agent** [1.1; 6.2]**Discipline** **Fire Engineer/ Consultant - To be Appointed**

Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		Email	
Postal Address			
		Postal Code	
Physical Address			
		Postal Code	

B CONTRACT DATA**B 1.0 Definitions [1.1]**

Bills of quantities: System/ Method of measurement	System for Measurement of Building Work in South Africa, 1999 Sixth Edition (Revised)
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B 2.0 Law, regulations and notices [2.0]

Law applicable to the works , state country [2.1]	South Africa
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B 3.0 Offer and acceptance [3.0]

Currency applicable to this agreement [3.2]	ZAR
--	-----

B 4.0 Documents [5.0]

The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom	Employer
Number of copies of construction information issued to the contractor at no cost	1

Documents comprising the agreement	Notes
The JBCC Principal Building Agreement, Edition 6.2 May 2018 (1 to 30)	
The JBCC Principal Building Agreement - Contract Data, Edition 6.2 May 2018 (1 to 14)	
The JBCC General Preliminaries for use with the JBCC Principal Building Agreement, Edition 6.2 May 2018 (1 to 7)	
Bills of Quantities including Preliminaries (1 to 105)	
Tender Drawings	
Health and Safety Policy (To be issued by the client)	

Contract drawings – description	Number	Revision	Date
Architectural & Structural – refer to drawing register (C3.2.4) on Page 119-120			

NOTE: Also see ANNEXURES A2-B	
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B 5.0 Employer's agents [6.0]

Authority is delegated to the following agents to issue contract instructions and perform duties for specific aspects of the works [6.2]
Ikamva Architects SA (PTY) Ltd
Delegations to other agents will be confirmed in writing during contract execution [6.2]

Principal agent's and agents' interest or involvement in the works other than a professional interest [6.3]
None

B 6.0 Insurances [10.0]

Insurances by employer			Amount including tax	Deductible amount including tax
Contracts work insurance:				
New works [10.1.1]			n/a	
Deductible (incl tax)			n/a	
Or works with practical completion in sections[10.2]			n/a	
Deductible (incl tax)				
Or works with alterations and additions [10.3]			Reinstatement value to be advised	
Removal of lateral support insurance [10.1.4; 10.2]				
Other insurance [10.1.5]				
Yes/ no?		If yes, description 1		
Yes/ no?		If yes, description 2		

and/ or

Insurances by contractor			Amount including tax	Deductible amount including tax
Contract works insurance:				R20'000
	New works [10.1.1] (contract sum or amount)		Contract Sum plus 20%	
or	Works with practical completion in sections [10.2] (contract sum or amount)			
or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works)		Contract sum plus 20%	
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance			
	Escalation, professional fees and reinstatement costs if not included above			
Total of the above contract insurance amount			Contract sum plus 20%	
Supplementary insurance [10.1.2]				
Public liability insurance [10.1.3]				R20'000
Removal of lateral support insurance [10.1.4]				R20'000
Other insurance [10.1.5]:				
Yes/ no?	Yes	See 10.1.5 to 10.1.8 of Contract Data	To be determined by Contractor	To be determined by Contractor
Yes/ no?		If yes, description 2		

B 7.0 Obligations of the employer [12.1]

Reference No:	B/SM 25/25 Part C1: Agreement and Contract Data	Page 89 The Contract
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Existing premises will be in use and occupied [12.1.2]		Yes/ no?	No
If yes, description	Site/ buildings to be vacated before contractor commences work, Contractor to ensure Health and Safety is maintained on site		
Restriction of working hours [12.1.2]		Yes/ no?	Yes
If yes, description	Monday to Friday from 08:00 (am) till 16:30 (pm), Saturdays from 08:00 (am) till 13:00 (pm), no work on public holidays.		
Natural features and known services to be preserved by the contractor [12.1.3]		Yes/ no?	
If yes, description	To be pointed out on site		
Restrictions to the site or areas that the contractor may not occupy [12.1.4]		Yes/ no?	
If yes, description	To be pointed out on site		
Supply of free issue [12.1.10]		Yes/ no?	
If yes, description	Only if applicable		
Documents to be submitted / complied with by the contractor before possession of the site can be given [12.1.14]			
<ul style="list-style-type: none"> - Proof of Registration / Good Standing with Building Industries Bargaining Council (BIBC) - Proof of good standing / compliance with requirements of the Compensation for Occupational Injuries and Diseases Act - Signed Health and Safety Agreement together with Department of Labour approvals as required 			

B 8.0 Nominated subcontractors [14.0]

Specialisation 1	None
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B 9.0 Direct contractors [16.0]

Extent of work [12.1.11]	None
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B 10.0 Description of sections [20.1]

Section 1	N/A
Section	Remainder of works

B 11.0 Possession of site [12.1.5], practical completion [19.0;20.0] and penalties [24.0]

Practical completion for the works as a whole	Intended date of possession of the site [12.1.5]	Period for inspection by the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date	working days	Date	Penalty amount per calendar day
	6 January 2025	5 days	Within 7 months from date of site handover (6 August 2025)	R 4 100.00

or where **sections** are applicable

Practical completion of a section of the works	Intended date of possession of the section [12.1.5]	Period for inspection by the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date	working days	Date	Penalty amount per calendar day
Section 1	n/a]	n/a	n/a	n/a
Remainder of the works	n/a]	n/a	n/a	n/a

Criteria to achieve practical completion not covered in the definition of practical completion
To be confirmed

B 12.0 Payment [25.0]

Date of month for issue of regular payment certificates [25.2]	25 th of the Month		
Cost fluctuations [25.3.4; 26.9.5]	Yes/no?	No	
Method to calculate	n/a		

B 13.0 Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nominating body	Association of arbitrators Southern Africa
Applicable rules for adjudication [30.6.2]	1 . Association of arbitrators Southern Africa 2 . To be determined by Arbitrator 3 . To be determined by Arbitrator

B 14.0 JBCC General Preliminaries – selections

Provisional bills of quantities [P2.2]		Yes / no?	yes	
Availability of construction information [P2.3]		Yes / no?	yes	
Previous work – dimensional accuracy – details of previous contract(s) [P3.1]		N/A		
Previous work – defects – details of previous contract(s) [P3.2]		N/A		
Inspection of adjoining properties – details [P3.3]		Yes, the contractor to make himself aware and record adjoining buildings to avoid future dispute		
Handover of site in stages – specific requirements [P4.1]		N/A		
Enclosure of the works – specific requirements [P4.2]		Yes		
Geotechnical and other investigations – specific requirements [P4.3]		N/A		
Existing premises occupied – details [P4.5]		No.		
Services – known – specific requirements [P4.6]				
Water [P8.1]	By contractor	Yes/no?	No	
	By employer	Yes/no?	No	
	By employer - metered	Yes/no?	Yes	
Electricity [P8.2]	By contractor	Yes/no?	No	
	By employer	Yes/no?	No	
	By employer - metered	Yes/no?	Yes	
Ablution and welfare facilities [P8.3]	By contractor	Yes/no?	Yes	
	By employer	Yes/no?	No	
Communication facilities – specific requirements [P8.4]		By Contractor		
Protection of the works – specific requirements [P11.1]		The contractor is to execute the works in such a way as to not damage the existing buildings. Any damages caused to the existing buildings by the contractor will be made good at his costs.		
Protection / isolation of existing works and works occupied in sections – specific requirements [P11.2]		By Contractor		
Disturbance – specific requirements [P11.5]		N/A		
Environmental disturbance – specific requirements [P11.6]		N/A		

B 15.0 Changes made to JBCC documentation**See part E of this document**

Note: The amendments contained in Part D of this document constitutes the only amendments to the standard JBCC Agreement that will apply. No other amendments shall be of any force or effect.

D TENDERER'S SELECTIONS**D 1.0 Securities [11.0]****Guarantee for construction: Select Option A or B**

Option A	Guarantee for construction (variable) by contractor [11.1.1]
Option B	Guarantee for construction (fixed) by contractor [11.1.2]
Guarantee for payment by employer [11.5.1; 11.10]	Amount
Advance payment, subject to a guarantee for advance payment [11.2.2; 11.3]	Amount

D 2.0 Contractor's annual holiday periods during the construction period

Year 1 contractor's annual holiday period	Start date	N/A	End date	N/A
--	------------	-----	----------	-----

D 3.0 Payment of preliminaries [25.0]

Option A	Assessed by the principal agent , an amount prorated to the value of the works executed in the same ratio as the amount of the preliminaries to the contract sum which contract sum shall exclude the amount of preliminaries . Contingency sum(s) and any provision for contract price adjustment (cost fluctuations) shall be excluded for the calculation of the aforesaid ratio
----------	--

D 4.0 Adjustment of preliminaries [26.9.4]

The amount of **preliminaries** shall be adjusted to take account of the effect of changes in time and/ or value on **preliminaries**. Such adjustment shall be based on the particulars provided below, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**

For the adjustment of **preliminaries** both the **contract sum** and the **contract value** shall exclude the amount of **preliminaries**, contingency sum(s) and any provision for contract price adjustment (cost fluctuations)

Option A	<p>The preliminaries shall be adjusted in accordance with an allocation of preliminaries amounts to be provided by the contractor in his bid submission of the tender as follows:</p> <ul style="list-style-type: none"> - An amount which shall not be varied; - An amount varied in proportion to the contract value as compared to the contract sum; - An amount varied in proportion to the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value as compared to the number of calendar days in the initial construction period <p>Where the above-mentioned information is not provided the following allocation of preliminaries amounts may apply:</p> <ul style="list-style-type: none"> - Ten per cent (10%) shall not be varied
----------	--

	<ul style="list-style-type: none"> - Fifteen per cent (15%) shall be varied in proportion to the contract value as compared to the contract sum - Seventy-five per cent (75%) shall be varied in proportion to the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value as compared to the number of calendar days in the initial construction period <p>Where completion in sections is required the contractor shall provide an appointment of preliminaries per section. Should the contractor fail to provide the apportionment of preliminaries per section the categorised amounts shall be prorated to the cost of each section within the contract sum as determined by the principal agent</p>
--	---

E CHANGES MADE TO JBCC DOCUMENTATION

The pro forma "JBCC Principal Agreement: Contract Data" as defined in clause 1 of the conditions of contract prepared by the Joint Building Contracts Committee shall not apply to this Contract and shall be replaced with the documentation incorporated into this tender document.

C1.3 Form of Construction Guarantee

GUARANTEE FOR CONSTRUCTION

For use with Conditions of Contract as described in C1.2: Contract Data Part 1: Contract Data provided by the Employer

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

"Physical" address:

"Employer" means:

"Contractor" means:

"Principal Agent" means:

"Works" means: **Contract No. and Title**

"Site" means: The site as defined in the Contract Data.

"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Contract Sum" means: The accepted amount inclusive of tax of R.....

Amount in words:

"Guaranteed Sum" means: The maximum aggregate amount of R.....

Amount in words:

"Expiry Date" means: The date of issue by the Principal Agent of the Certificate of Completion of the Works.

CONTRACT DETAILS

Principal Agent issues: Interim Payment Certificates, Final Payment Certificate and the Certificate of Completion of the Works as defined in the Contract.

GUARANTEE FOR CONSTRUCTION

1. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
2. The Guarantor's period of liability shall be from and including the date of issue of this Guarantee for Construction and up to and including the Expiry Date or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Principal Agent and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.

3. The Guarantor hereby acknowledges that:
 - 3.1 any reference in this Guarantee for Construction to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 its obligation under this Guarantee for Construction is restricted to the payment of money.
4. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
 - 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Guarantee for Construction, such demand stating that:
 - 5.1 the Contract has been terminated due to the Contractor's default and that this Guarantee for Construction is called up in terms of 5; or
 - 5.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Guarantee for Construction is called up in terms of 5; and
 - 5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
7. Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Guarantee for Construction have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Guarantee for Construction shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
8. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
9. The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Guarantee for Construction on account of any conduct alleged to be prejudicial to the Guarantor.
10. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
11. This Guarantee for Construction is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
12. This Guarantee for Construction, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.

13. Where this Guarantee for Construction is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

C1.4 Form of Advance Payment Guarantee

GUARANTEE FOR ADVANCE PAYMENT

For use with the Conditions of Contract as described in C1.2: Contract Data Part 1: Contract Data provided by the Employer

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

"Physical" address:

"Employer" means:

"Contractor" means:

"Principal Agent" means:

"Works" means: Contract No. and Title.....

"Site" means: The site as defined in the Contract Data.

"Agreement" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Plant and materials" means: The Plant and materials stored at places other than the Site, or in respect of which an advance payment prior to manufacture is required, which the Employer has agreed may be subject to advance payment, such Plant and materials being listed in the Schedule of Plant and materials.

"Schedule" means: A list of Plant and materials accompanying the Guarantee for Advance Payment and which shows the value thereof to be included in the Guaranteed Advance Payment Sum.....

"Guaranteed Advance Payment Sum" means: The maximum aggregate amount of R.....

Amount in words:

"Expiry Date" means: The date of the payment certificate where the Plant and materials have been certified as work done by the principal agent

AGREEMENT DETAILS

Principal Agent issues: Interim Payment Certificates and Recovery Statements.

GUARANTEE FOR ADVANCE PAYMENT

1. The Guarantor's liability shall be limited to the amount of the Guaranteed Advance Payment Sum.
2. The Guarantor's period of liability shall be from and including the date of issue of this Guarantee for Advance Payment and up to and including the Expiry Date or the date of payment in full of the Guaranteed Advanced Payment Sum, whichever occurs first.

3. The Guarantor hereby acknowledges that:
 - 3.1 any reference in this Guarantee for Advance Payment to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 its obligation under this Guarantee for Advance Payment is restricted to the payment of money.
4. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
 - 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) calendar days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Advance Payment Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Guarantee for Advance Payment, such demand stating that:
 - 5.1 the Contract has been terminated due to the Contractor's default and that this Guarantee for Advance Payment is called up in terms of 5; or
 - 5.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Guarantee for Advance Payment is called up in terms of 5; and
 - 5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
7. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
9. The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Guarantee for Advance Payment on account of any conduct alleged to be prejudicial to the Guarantor.
10. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
11. This Guarantee for Advance Payment is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee for Advance Payment shall be returned to the Guarantor after it has expired.
12. This Guarantee for Advance Payment, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.

13. Where this Guarantee for Advance Payment is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

.

Schedule of Plant and materials

Employer The Stellenbosch Municipality

Contractor

Works **B/SM 25/25: PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH**

Payment Certificate No.

Advance payment is requested in respect of the following items of Plant and materials, which have been manufactured and are stored at places other than the Site, or in respect of which a deposit with order is required from the Contractor by a manufacturer/supplier:

Bill of Quantities item no.	Description of Plant and materials	Deposit with order required (Y/N)	Place of storage (or manufacture, if deposit with order is required)	Unit	Quantity	Unit price R c	Total Price R c
Total Value of Plant and materials to be included in Guaranteed Advance Payment Sum							R

Signed at on theday of.....20.....

.....
for the Contractor

.....
As witness

.....
Approved by Employer's Agent

Reference No:	B/SM 25/25 Part C1: Agreement and Contract Data	Page 101 The Contract
---------------	---	------------------------------



C1.5 Agreement in Terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

THIS AGREEMENT made at
on this the day of in the year
between [hereinafter called "the Employer"]
of the one part, herein represented by
in his capacity as
and
[hereinafter called "the Mandatary"] of the other part, herein represented by
.....
in his capacity as

WHEREAS the Employer is desirous that certain works be constructed, via **B/SM 25/25: PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH** and has accepted a Tender by the Mandatary for the construction, completion and maintenance of such Works and whereas the Employer and the Mandatary have agreed to certain arrangements and procedures to be followed in order to ensure compliance by the Mandatary with the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993);

NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1 The Mandatary shall execute the work in accordance with the Contract Documents pertaining to this Contract.
- 2 This Agreement shall hold good from its Commencement Date, which shall be the date of a written notice from the Employer or Employer's Agent requiring him to commence the execution of the Works, to either
 - (a) the date of the Final Approval Certificate issued in terms of 19.3.3 of the JBCC Principal Building Agreement, Edition 6.2 – May 2018 [hereinafter referred to as "the JBCC"], or
 - (b) the date of termination of the Contract in terms of Clauses 29.0 of the JBCC.
- 3 The Mandatary declares himself to be conversant with the following:
 - (a) All the requirements, regulations and standards of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), hereinafter referred to as "The Act", together with its amendments and with special reference to the following sections of The Act:
 - (i) Section 8 : General duties of employers to their employees;
 - (ii) Section 9 : General duties of employers and self-employed persons to persons other than employees;
 - (iii) Section 37 : Acts or omissions by employees or mandataries, and
 - (iv) Subsection 37(2) relating to the purpose and meaning of this Agreement.
 - (b) The procedures and safety rules of the Employer as pertaining to the Mandatary and to all his subcontractors.



- 4 In addition to the requirements of in the JBCC pertaining to and all relevant requirements of the Contract, the Mandatary agrees to execute all the Works forming part of this Contract and to operate and utilise all machinery, plant and equipment in accordance with the Act.
- 5 The Mandatary is responsible for the compliance with the Act by all his subcontractors, whether or not selected and/or approved by the Employer.
- 6 The Mandatary warrants that all his and his subcontractors' workmen are covered in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 which cover shall remain in force whilst any such workmen are present on site. A letter of good standing from the Compensation Commissioner to this effect must be produced to the Employer upon signature of the agreement.
- 7 The Mandatary undertakes to ensure that he and/or subcontractors and/or their respective employers will at all times comply with the following conditions:
 - (a) The Mandatary shall assume the responsibility in terms of Section 16.1 of the Occupational Health and Safety Act. The Mandatary shall not delegate any duty in terms of Section 16.2 of this Act without the prior written approval of the Employer. If the Mandatary obtains such approval and delegates any duty in terms of Section 16.2 a copy of such written delegation shall immediately be forwarded to the Employer.
 - (b) All incidents referred to in the Occupational Health and Safety Act shall be reported by the Mandatary to the Department of Labour as well as to the Employer. The Employer will further be provided with copies of all written documentation relating to any incident.
 - (c) The Employer hereby obtains an interest in the issue of any formal inquiry conducted in terms of Section 32 of the Occupational Health and Safety Act into any incident involving the Mandatary and/or his employees and/or his subcontractors.

In witness thereof the parties hereto have set their signatures hereon in the presence of the subscribing witnesses:

SIGNED FOR AND ON BEHALF OF THE EMPLOYER:

WITNESS 1 2

NAME 1 2
 (IN CAPITALS)

SIGNED FOR AND ON BEHALF OF THE MANDATARY:

WITNESS 1 2

NAME 1 2
 (IN CAPITALS)



**CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF
 OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)**

The signatory for the company that is the Contractor in terms of the above-mentioned Contract and the Mandatary in terms of the above-mentioned Act shall confirm his or her authority thereto by attaching to this page a duly signed and dated copy of the relevant resolution of the Board of Directors.

An example is given below:

"By resolution of the Board of Directors passed at a meeting held on 20,
 Mr/Ms whose signature
 appears below, has been duly authorised to sign the AGREEMENT in terms of THE OCCUPATIONAL
 HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993) on behalf of

"

SIGNED ON BEHALF OF THE COMPANY :

IN HIS/HER CAPACITY AS :

DATE :

SIGNATURE OF SIGNATORY :

WITNESS 1 2

NAME 1 2
 (IN CAPITALS)



C1.6 CONTRACT OF TEMPORARY EMPLOYMENT AS COMMUNITY LIAISON OFFICER

Construction Contract No.:

PROJECT: PHASE 1: UPGRADE, ALTERATIONS, EXTENSIONS AND ADDITIONS ON ERF RE/194, HOFMAN STREET, STELLENBOSCH

AGREEMENT made between the CONTRACTOR

and the Community Liaison Officer....., hereafter referred to as the CLO, for the appointment and employment of a CLO for the duration of the work in respect of the above-named construction contract.

1. THE PARTIES HAVE AGREED THAT

The CLO will be employed by the CONTRACTOR on a temporary basis for the duration of the work from the date of signing this agreement to the date of practical completion as defined in the Contract, subject to all the conditions set out below.

2. THE DUTIES OF THE COMMUNITY LIAISON OFFICER SHALL BE:

- 2.1. to keep the community informed on the progress of the project;
- 2.2. to keep the Contractor informed on relevant Community affairs and possible grievances;
- 2.3. to manage the recruitment of workers from the Sub-Council Job-Seekers Database;
- 2.4. to assist the Contractor's supervisory staff in the management of the workers.

3. THE FOLLOWING CONDITIONS OF EMPLOYMENT SHALL APPLY:

The Conditions of Temporary Employment as applicable on this Contract for the workers recruited from the Community shall apply equally to the CLO, except that the rate of remuneration shall be per month. These conditions that apply are listed below as they appear in the Contract of Temporary Employment:

- 3.1. If required to work on a statutory public holiday or Sunday, the payment will be double the amount stated in the previous paragraph.
- 3.2. Maximum hours of work:
 - (i) 9¼ hours per day
 - (ii) 45 hours per week;
 - (iii) 5 days per week;
 - (iv) 5 hours without an interval, whereupon there shall be an interval of at least 30 minutes;
 - (v) A spread-over period of 12 hours.
- 3.3. The CLO shall be entitled to payment where he is prevented from working by reasons which are within the control of the Contractor.
- 3.4. On days when it is raining the Contractor may, before 9 a.m., decide not to open the site and there will be no pay.

 If the Contractor closes the site between 9 a.m. and 1 p.m., the CLO will be paid half the daily wage.

 If the site works later than 1 p.m., the CLO will be paid the full daily wage.
- 3.5. Workers and the CLO will not be permitted to work under conditions of:
 - (i) undisciplined or unruly behaviour;
 - (ii) insubordination to Team Leader, Supervisors or Management;
 - (iii) abuse of intoxicating substances;
 - (iv) criminal actions by the employee;
 - (v) strike action or political stayaways.
- 3.6. Workers, including the CLO, may be dismissed after two official written warnings for the following behaviour:



- (i) undisciplined or unruly behaviour;
- (ii) insubordination to Team Leader, Supervisors or Management;
- (iii) abuse of intoxicating substances;
- (iv) wilful or negligent damage to or loss of machines or equipment.

The Contractor shall ensure that he has statements from at least two witnesses concerning any of the above situations.

The Contractor shall inform the CLO within 24 hours of any warning issued to workers employed from the Job-Seekers Database.

3.7. The CLO will be paid on a Friday afternoon every two weeks, one week in arrears.

3.8. The CLO shall be given a statement with each payment on which is recorded:

- (i) the name of the Contractor;
- (ii) the CLO's name;
- (iii) the number of days worked by the CLO;
- (iv) the rate per day;
- (v) the details of any deductions made;
- (vi) the actual amount paid to the CLO.

3.9. No deduction shall be made from the remuneration except where the CLO consents in writing or unless the Contractor is permitted or required to do so by law or the order of any competent court.

3.10. The CLO shall be supplied free of charge with all health and safety equipment required by the Occupation Health and Safety Act. The equipment shall remain the property of the Contractor.

3.11. The Contractor must give the CLO at least one week's notice of the termination of the Contract of Temporary Employment. If this is not done, the CLO must be paid earnings for five days. This condition does not apply if the CLO is dismissed.

3.12. At the end of the period of temporary employment, the Contractor shall provide a Certificate of Service recording the Contractor's name, the CLO's name and address, the period of service, the type of work on which the CLO was engaged and the rate of remuneration on termination.

4. TERMINATION OF AGREEMENT

4.1. If the CLO can no longer perform and execute his/her duties as detailed in this agreement, this agreement will be terminated without prejudice to any rights under this agreement.

5. THE CONDITIONS OF THIS AGREEMENT

5.1. The parties expressly declare that this agreement contains all the conditions negotiated between them, and no condition or stipulation not contained herein shall be binding upon the parties.

6. THUS AGREED AND SIGNED BY THE PARTIES:

Contractor:

Community Liaison officer

Date:

Part C2	Pricing Data
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C2.1 PRICING INSTRUCTIONS 103 - 104

C2.2 PRICING SCHEDULE..... 105 - 116

C2.1 Pricing Instructions

Pricing Instructions mean the criteria as set out below, read together with all Parts of this contract document, which it will be assumed in the contract that the tenderer has taken into account when developing his prices.

1. The method of measurement published by the Standard system of measurement 7 as released by the Association of South African Quantity Surveyors (ASAQS)
2. The measurement and payment clauses in a specification in which further information regarding the scheduled items is given, are referenced under "Item" (pay items) in the Bills of Quantities. The referenced clauses are not necessarily the only sources of information in respect of scheduled items. Further information and specifications may be found elsewhere in the contract documents. Standardised Specifications are identified by the digits which follow SANS in the SANS 1200 series of specifications, e.g. G for SANS 1200 G.
3. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
4. The quantities set out in the Bills of Quantities are the estimated quantities of the Contract Works, but the Contractor will be required to undertake whatever quantities may be directed by the Employer's Agent from time to time. The Contract Price for the completed contract shall be computed from the actual quantities of work done, valued at the relevant unit rates and prices.
5. The prices and rates to be inserted in the Bills of Quantities are to be the full inclusive prices for the work described under the several items. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.
6. A price or rate should be entered against each item in the Bills of Quantities, whether the quantities are stated or not. An item against which no price or a nil rate is entered will be considered to be covered by the other prices or rates in the Bills of Quantities, and that there is no charge for that particular item (even should the quantity subsequently increase).
7. Except where rates only are required, insert all amounts to be included in the total tendered price in the "Amount" column and show the corresponding total tendered price.
8. The units of measurement described in the Bills of Quantities are metric units. Abbreviations which may be used in these Bills of Quantities are as follows:

mm	=	millimetre	h	=	hour
m	=	metre	kg	=	kilogram
km	=	kilometre	t	=	ton (1000 kg)
m ²	=	square metre	No.	=	number
m ² .pass	=	square metre-pass	sum	=	lump sum
ha	=	hectare	MN	=	meganewton
m ³	=	cubic metre	MN.m	=	meganewton-metre
m ³ .km	=	cubic metre-kilometre	P C sum	=	Prime Cost sum
l	=	litre	Prov sum	=	Provisional sum
kl	=	kilolitre	%	=	per cent
MPa	=	megapascal	kW	=	kilowatt
9. Where fractions of a cent occur in calculations of prices and amounts, they shall be rounded up/down to the nearest whole cent.
10. The Tenderer is referred to C2.24 in Part T1.2 Tender Data regarding the pricing of Deviations and/or Qualifications.
11. Clause C.2.13.11 c) in Part T1.2 Tender Data shall be applicable to the submission of Bills of Quantities which have been priced electronically, and which the Tenderer wishes to submit as a printed version with his/her tender in the place of handwritten priced Bills of Quantities.

If there is found to be any variance between the printed version and the original issued document, the original shall stand. However, where Addenda have been issued which amend the Bills of Quantities, then the printed Bills of Quantities shall take these into account.

The pages of the issued Bills of Quantities should not be removed from the tender document.

12. Tenderers are referred to Clause 8 Measurement and Payment in the Environmental Management (EM) Specification in Appendix A in the Scope of Work for the basic principles of measurement and pricing of the EM Specification.
13. All descriptions or clauses where trade names or proprietary products are specified, are deemed to include the phrase "or equal approved"
14. Tenderers are referred to Clause 6.8.2 in Part C1.2 Contract Data regarding contract price adjustment.
15. Provisional Sums

15.1 Testing by the Employers Agent

A provisional sum has been allowed in the Schedules of Quantities for the Contractor, when so instructed by the Employers Agent, to have approved laboratories conduct tests on the Works over and above the routine tests specified in the Standardised and Particular Specifications. Only when the results of such tests indicate that the materials or workmanship are in accordance with the Specification shall the Employer bear the costs thereof. In all other cases the costs of the tests, rectification of the defects and the re-testing of the rectified work shall be borne entirely by the Contractor.

15.2 Mechanical and Electrical Installation

A provisional sum has been allowed in the Schedule of Quantities for the appointment of a Mechanical and Electrical Sub-contractor for the installation of the landfill gas extraction equipment including flare, blowers, pumps to knockout pots. A subcontract tender will be prepared by the Employers Agent and issued for tender and bids adjudicated. The Contractor will enter into a sub-contract agreement with the successful bidder.

15.3 Advanced Payment Guarantee

A provisional sum has been allowed in the Schedule of Quantities for providing and maintaining an Advanced Payment Guarantee in accordance with Clause 6.10.10 in Part C1.2 Contract Data for the Mechanical and Electrical Equipment provided by the Sub-Contractor. The Sub-Contractor shall provide the Contractor with a back to back Advanced Payment Guarantee on the same terms.

C2.2 Pricing Schedule

NOTE:

1. Only firm prices will be accepted. Non-firm prices will not be considered.
2. All delivery costs MUST be included in the bid price, for delivery at the prescribed destination.
3. Document MUST be completed in non-erasable black ink.
4. NO correction fluid/tape may be used.
 - a. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.
5. The Bidder MUST indicate whether he/she/the entity is a registered VAT Vendor or not.
 - a.

I / We _____

(full name of Bidder) the undersigned in my capacity as _____

of the firm _____

hereby offer to Stellenbosch Municipality to render the services as described, in accordance with the specification and conditions of contract to the entire satisfaction of the Stellenbosch Municipality and subject to the conditions of tender, for the amounts indicated hereunder:

	INDICATE WITH AN 'X'									
Are you/is the firm a registered VAT Vendor	YES					NO				
If "YES", please provide VAT number										

Please note the following:

1. Stellenbosch Municipality reserves the right to downward adjust the scope of work/ quantity required to stay within its budget.
2. Only firm prices will be accepted and non-firm prices will not be considered.

C2.2 Pricing Schedule

BILL OF QUANTITIES

CONTENTS

BILL NO. 1	ALTERATIONS
BILL NO. 2	EARTHWORKS
BILL NO. 3	CONCRETE, FORMWORK & REINFORCEMENT
BILL NO. 4	MASONRY
BILL NO. 5	WATERPROOFING
BILL NO. 6	ROOF COVERINGS
BILL NO. 7	CARPENTRY AND JOINERY
BILL NO. 8	CEILINGS, PARTITIONS AND ACCESS FLOORING
BILL NO. 9	FLOOR COVERINGS, WALL LININGS, ETC
BILL NO. 10	IRONMONGERY
BILL NO. 11	STRUCTURAL STEEL
BILL NO. 12	METALWORK
BILL NO. 13	PLASTERING
BILL NO. 14	TILING
BILL NO. 15	PLUMBING AND DRAINAGE
BILL NO. 16	GLAZING
BILL NO. 17	PAINTWORK
BILL NO. 18	EXTERNAL WORKS
BILL NO. 19	PROVISIONAL AMOUNTS

SUMMARY

PRINT NAME:			
CAPACITY:		Name of firm	
SIGNATURE:		DATE:	

BILLS OF QUANTITIES

THE BILLS OF QUANTITIES IS INCLUDED AS SEPARATE TO THIS DOCUMENT – REFER TO [ANNEXURE C.](#)



SUMMARY

		Page No.	Amount	
			R	c
BILL No.1	Alterations	42		
BILL No.2	Earthworks	46		
BILL No.3	Concrete, formwork & reinforcement	50		
BILL No.4	Masonry	54		
BILL No.5	Waterproofing	56		
BILL No.6	Roof Coverings	61		
BILL No.7	Carpentry and Joinery	66		
BILL No.8	Ceilings, Partitions and Access Flooring	70		
BILL No.9	Floor Coverings, Wall Linings, etc	72		
BILL No.10	Ironmongery	76		
BILL No.11	Structural Steel	77		
BILL No.12	Metalwork	81		
BILL No.13	Plastering	83		
BILL No.14	Tiling	85		
BILL No.15	Plumbing and Drainage	90		
BILL No.16	Glazing	91		
BILL No.17	Paintwork	97		
BILL No.18	External Works	102		
BILL No.19	Provisional Amounts	103		
	SUB-TOTAL (EX. VAT)	R		
	<u>CONTINGENCIES</u>			
	10%			
		R		
	TOTAL INCLUDING CONTINGENCIES	R		
	<u>VALUE ADDED TAX</u>			
	ADD: VAT at the rate of 15%	R		
	TOTAL (INCLUDING VAT)	R		

Part C3	Scope of Work
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	Pages
C3.1 Description of the Works	115 - 119
C3.2 Engineering	120 - 122
C3.3 Procurement	123 - 124
C3.4 Construction	125 - 130
C3.5 Management	131 - 137
C3.6 Annexes/Specifications	138

Status

In the event of any discrepancy between the Scope of Works and a part or parts of the SANS 1200 Standardized Specifications, the Bill of Quantities or the Drawings, the Project Specifications shall take precedence and prevail in the Contract.

C3.1 Description of the Works

CONTENTS

- C3.1.1 EMPLOYER'S OBJECTIVES
- C3.1.2 DESCRIPTION OF THE WORKS
- C3.1.3 EXTENT OF THE WORKS
- C3.1.4 LOCATION OF THE WORKS AND ACCESS

C3.1.1 EMPLOYER'S OBJECTIVES

The Municipal Law Enforcement will vacate the buildings, and the Housing Administration and Informal Settlements Departments will relocate from their current premises. It was determined that the current buildings and or structures must be upgraded, alterations made, and new extensions & additions be constructed to make the structures suitable for the new users. The work will be done in various phases over multiple years.

Stellenbosch Municipality (Departments of Properties Management & Municipal Buildings Maintenance) appointed ISA Architects as professional architect and principal agent to facilitate the upgrading, alterations and the construction of the extensions and additions to the current structures. The upgrading and maintenance work will be done in two phases. This tender consists of construction of Phase 1.

C3.1.2 LOCATION OF THE WORKS AND ACCESS

The Hofman Building is situated on the corner of Hofman Street and Merriman Avenue, Stellenbosch. The location of the site is on Erf RE/194, GPS co-ordinates of Latitude: 33°55'56"S, Longitude: 18°51'21"E. Access to the site is from Hofman Street. The erf is 33 789.3m² in size, however the buildings will occupy only 264,63m² of the site.

Figures 1 & 2 below shows aerial views of the site.



Figure 1: Aerial view of site: Erf RE/194

Reference No:	B/SM 25/25 Part C3: Description of the Work	Page 115 Scope of Work
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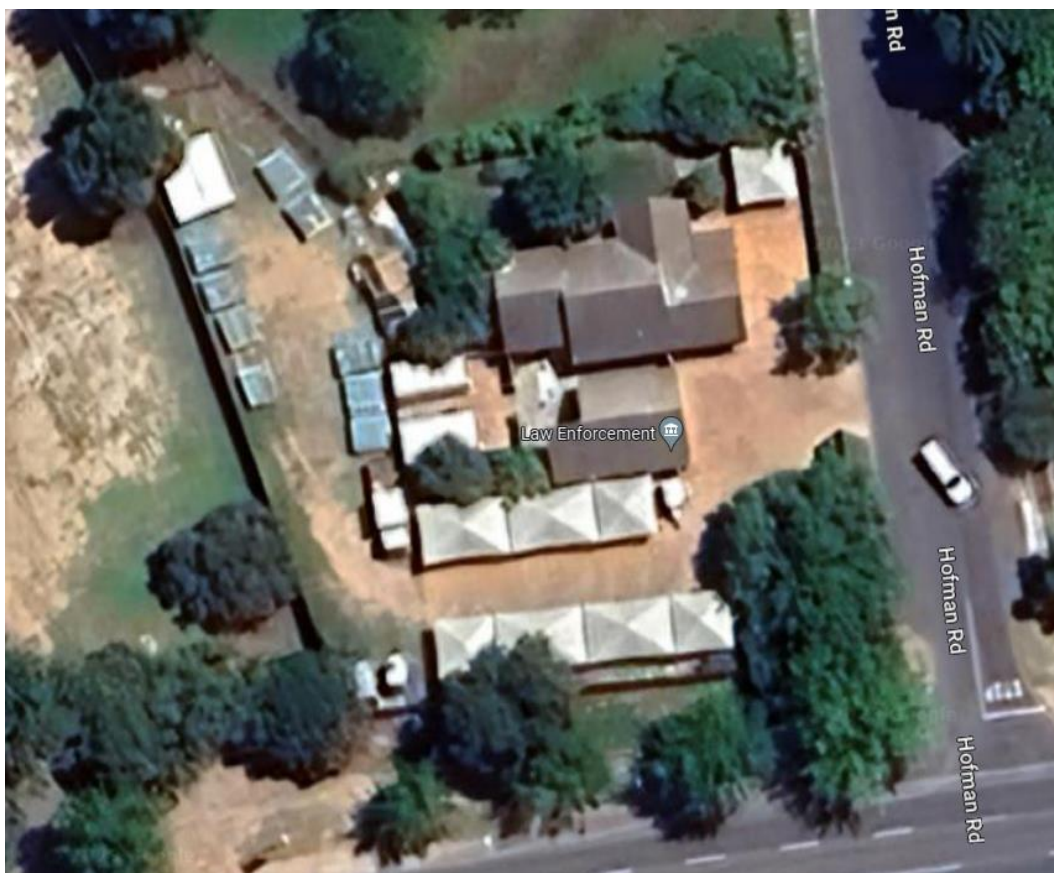


Figure 2: Aerial view of site indicating existing structures on site.

C3.1.3 DESCRIPTION OF THE WORKS

Phase 01 Construction entails the following:
(To be read in conjunction with [ANNEXURE A2-A4](#))

- Removal of existing asbestos roof tiles, gutters and downpipes and install new.
- New reception area & visitor's waiting area: Break wall and install new entrance door and windows.
- An addition of approximately 35m²: New open plan offices with new windows to external walls.
- New meeting room with drywall partitions and new window to external wall.
- Alterations and upgraded to existing offices, replace existing doors with new doors.
- New kitchenette & joinery.
- Remove sliding lavatory doors and install hinged semi-solid internal doors.
- New external door at end of passage.
- Reconfigure existing boardroom with drywalls installation, install new external doors and window.
- New doors to existing external toilets.
- Brick up and make good where windows are removed.
- Demolish internal walls and install new drywalls.
- Remove existing floors finishes and install new.
- Internal and external crack repair and painting.
- New electrical (buzzer) pedestrian & motorised vehicular gates.
- New vibracrete fence.
- New external ramps.
- Repositioning of the prefabricated buildings on site – if need be.
- Others as indicated in the Bill of Quantities.

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No external and civil work apart from those indicated in the Bill of Quantities is to be done unless required by the Client. The work may be done in part or whole dependent on client availability of funding and the client holds the right to remove items from the scope due to availability of funds.

Phase 2 will commence within the **2025/2026 Financial Year** and will entail the construction of new offices, open plan office, kitchenette and staff toilets for Informal Settlements Department – and well as expanding the existing parking area. Refer to [ANNEXURE A2](#). However, a new construction contractor will be appointed for Phase 2 work. Figures 3 - 9 illustrate some of the work that must be done in Phase 01 at the Hofman Street Law Enforcement Building.



Figure 3: Front of building. New entrance gate to be installed.



Figure 4: Photo indicating position of new extension.



Figure 5: Photo showing condition of existing roof, gutters and downpipes.



Figure 6: Photo indicating new position of entrance and construction of ramp.

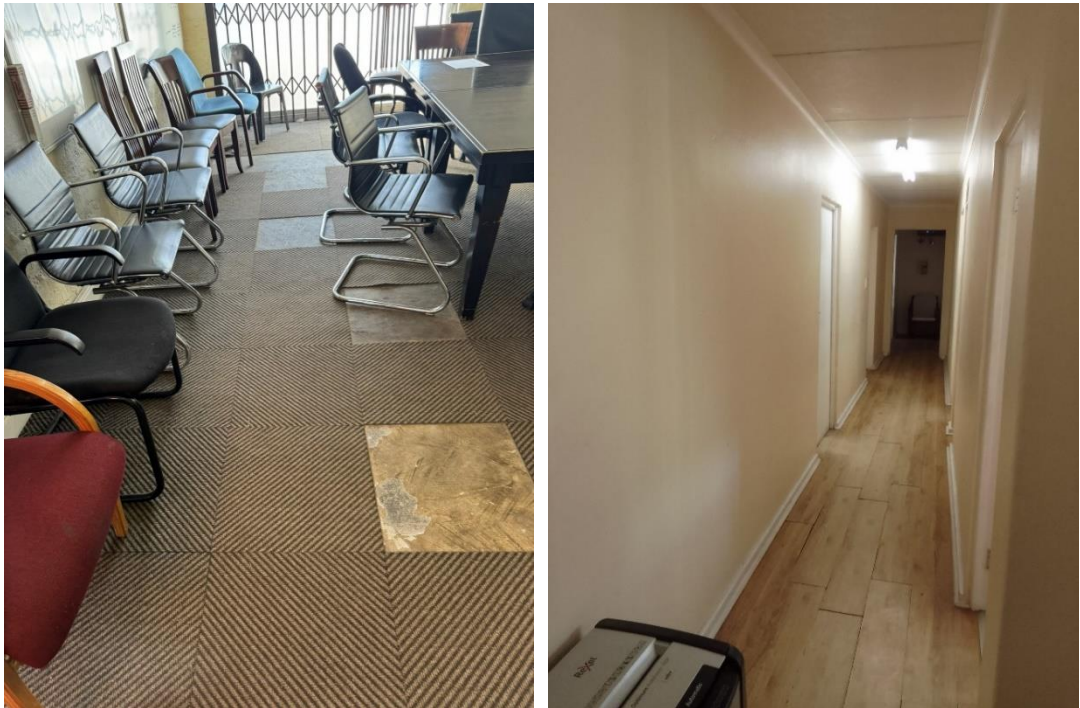


Figure 7 & 8: Photos showing conditions of existing floor finishes.



Figure 9: Photo of existing boardroom to receive new drywalls.

C3.2 Engineering

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- C3.2.1 DESIGN
- C3.2.2 EMPLOYER'S DESIGN
- C3.2.3 CONTRACTORS DESIGN
- C3.2.4 DRAWINGS

C3.2.1 DESIGN

- (a) The Employer is responsible for the design of the permanent Works as reflected in the Contract Documents, unless otherwise stated.
- (b) The Contractor shall supply all details necessary to assist the Employer's Agent in the compilation of the as-built drawings.

C3.2.2 EMPLOYER'S DESIGN

The Employer's design is contained in the Tender Documentation and Drawings. Amendments to the design, if necessary, will be issued during the construction phase.

C3.2.3 CONTRACTORS DESIGN

No design of the contractor is required unless otherwise specified.

C3.2.3.1 Contractors documents and drawings

All the documents shall be submitted to the Employer's Agent for approval.

C3.2.3.2 General requirements

The Contractor's Documents shall comply with the following general requirements:

- (a) One copy of all documents shall be submitted.
- (b) A register of all the Contractor's documents shall be provided with each submission.
- (c) Drawings shall be prepared in accordance with the latest issue of SANS 10111. An equivalent international code of engineering drawing practice will also be acceptable.
- (d) General Arrangement drawings shall be to A1 or A0 size.
- (e) Drawings shall be to scale, with both the scale and the drawing being large enough to clearly show all relevant components of the plant and equipment.
- (f) Sufficient additional sections shall be included to clearly show the arrangement of all plant and equipment.
- (g) Item lists shall be provided on the drawing or on a separate parts list.
- (h) Item descriptions shall include the material of construction, quantity and full identification information, including, as applicable, brand name, manufacturer's reference number, model number, size, rating, source, duty, quantity, etc.

C3.2.3.3 Required submissions

The Contractor shall submit the following for acceptance within 30 days from the Commencement Date:

- (a) Construction guarantees as specified in the contract data
- (b) Process flow diagram, indicating items of equipment.

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- (c) Detailed Contract program for approval
- (d) Long Lead schedules
- (e) Request for Information (RFI) schedules
- (f) Advance Payment certificate if required

The date by which possession of the Site can be handed over to the Contractor and consequently the completion date of the Works, is dependent on the date of submission and acceptance of the documents referred to above. Costs resulting from delays in submission of the Contractor's Documents or in correcting errors or making changes on documents not approved by the Employer's Agent shall be for the Contractor's account.

The item allowed for in the Schedules of Quantities to cover expenses incurred by the Contractor in the event of delays in handing over the Site, shall not apply where such delay is attributable to the late submission and acceptance of the drawings referred to above.

In addition, the Contractor shall submit the following for acceptance as soon as they are available;

- (a) Electrical and control circuit diagrams.

C3.2.3.4 Required submissions before commissioning the works

Prior to commencement of the Tests on Completion and the start of the 28 day Trial Operation Period, the Contractor shall submit two copies of the Manual.

C3.2.3.5 Before taking-over certificate

Before the Taking-Over Certificate is issued, the Contractor shall provide six copies of the final version of the Installation, Operation and Maintenance Manual and shall also provide, on electronic data storage, all drawings supplied in terms of the Required Submissions within 42 days of above, corrected where necessary to be "as built". The drawings shall be configured for Autocad, or equivalent. The Manual shall comply with the Standard Specification for Mechanical Works.

C3.2.4 DRAWINGS

The Contractor shall use only the dimensions stated in figures on the Drawings in setting out the Works, and dimensions shall not be scaled from the Drawings, unless required by the Employer's Agent. The Employer's Agent will, at the request of the Contractor in accordance with the provisions of the Conditions of Contract, provide such dimensions as may have been omitted from the Drawings.

The Contractor shall ensure that accurate as-built records are kept of all infrastructure installed or relocated during the contract. The position of pipe bends, junction boxes, duct ends and all other underground infrastructure shall be given by either co-ordinates or stake value and offset. Where necessary, levels shall also be given. A marked-up set of drawings shall also be kept and updated by the Contractor. This information shall be supplied to the Employer's Agent's Representative on a regular basis.

All information in possession of the Contractor, required by the Employer's Agent and/or the Employer's Agent's Representative to complete the as-built/record drawings, must be submitted to the Employer's Agent's Representative before a Certificate of Completion will be issued.

The Drawings prepared by the Employer for the permanent Works applicable to the contract are issued with this tender document and will form part of the Contract Documents as **Volume 4**. The Employer reserves the right to issue and/or amended additional drawings during the Contract.

Drawing No.	Description
ISA Architect's Drawings & Details (Refer to ANNEXURE A2)	
000	Site Plan, Roof Plan & Demolition Plan
100	Floor Plan
101	Ceiling, Electrical, Water Reticulation and Drainage Plans
102	Future Addition

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Drawing No.	Description
200	Sections
300	Elevations
500	Joinery - Kitchen & Reception Details
501	Layouts - Disabled Toilet and External Waiting Area Benches
4035-506	Window Head & Sill Detail - Existing 230mm Wall
4035-507	Window Head & Sill Detail - New 280mm Wall
4035-508	O/O Timber Door Head & Sill Detail - Existing 230mm Wall
4035-509	O/I Timber Door Head & Sill Detail - Existing 230mm Wall
4035-510	Roof Barge Detail- Existing Building
4035-511	Roof Eaves Detail- New Extension
4035-512	Roof Barge Detail- Existing Building
4035-513	Roof Barge Detail- New Extension
4035-514	Door Head – Internal - Timber Frame
4035-515	Door Head – Internal - Aluminium Frame
4035-516	Door Head – Internal - Aluminium Frame
4035-517	Skirting Detail
4035-518	Gully Detail
4035-519	New Extension Foundation Wall
4035-520	Suspended Tile Ceiling Detail
4035-521	Plasterboard Ceiling Detail
4035-522	Ceiling Access Hatch Detail
4035-523	Ramp Balustrade Detail
4035-524	Ramp Handrail Detail
4035-525	Planter Detail
Frame Consulting Engineer's Drawings & Details (Refer to ANNEXURE B)	
F19537 - 001	Structural Drawing: Foundation & Surface Bed Layout, Sections & Details
F19537 - 002	Structural Drawing: Wall Plate Layout, Sections & Details
F19537 - 003	Structural Drawing: Future Additions Foundation & Surface Bed Layout, Sections & Details
F19537 - 004	Structural Drawing: Future Additions Wall Plate Layout, Sections & Details

C3.3 Procurement

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C3.3.1	PREFERENTIAL PROCUREMENT
C3.3.2	SCOPE OF MANDATORY SUBCONTRACT WORKS
C3.3.3	SUB-CONTRACTING

C3.3.1 PREFERENTIAL PROCUREMENT

The Works shall be executed in accordance with the conditions associated with the granting of preferences detailed in the **Preference Schedule** where preferences are granted in respect of B-BBEE contribution.

Financial penalties, as described in the **Preference Schedule**, shall be applied in the event that the Contractor is found to have breached the conditions contained in the **Preference Schedule** (unless proven to be beyond the control of the Contractor).

In addition the following requirements shall apply;

a) Labour

The Employer intends through this Contract to provide maximum work opportunities for the local labour. Successful bidders must make use of local labour, WC024 area of jurisdiction, from Stellenbosch Municipal's Local Economic Database (excluding key personnel listed in Form A3) on the following basis (this is not negotiable inclusive of the sub-contractors' unskilled and semi-skilled labour:

- (a) Unskilled labour: 100%
- (b) Semi-skilled labour: 40%
- (c) Skilled labour: 10%

Local labour is defined as labour that permanently resides within town which the works is executed. If the number of labour in the town which the works is executed is not sufficient the labour should be sourced from the Stellenbosch Municipal District. It is the Contractor's responsibility to obtain the Stellenbosch Municipality's unemployment data base.

Further to the above the Contractor should employ as much as possible local female labourers for any work that is suitable for them. Works that is suitable for woman will include clerical work, flag person, sweeping of roads, painting work and time keeping work. The Contractor must provide sufficient proof to the Employer if male workers are doing female type work. The Contractor must submit with his payment certificate a list of unskilled / female personal employed and duties of these personal.

b) Plant

All plant to be hired for construction during this contract should be obtained from local plant hire companies within the town of the specific site. Should this not be possible the plant must be obtained from companies within the Stellenbosch Municipal District. If neither of the aforesaid is possible the plant could be hired from outside of the Stellenbosch Municipal District. Sufficient proof should be submitted to the Employer (prior to site establishment) if local plant cannot be hired. Refer to Contract Data Clause 5.13.1 for penalties to be applied if this is not complied to.

c) Materials

The exact same conditions will apply for materials as for plant above. Refer to Contract Data Clause 5.13.1 for penalties to be applied if this is not complied to.

C.3.3.2 SUB-CONTRACTING

All matters pertaining to subcontractors (including Nominated Subcontractors) and the work executed by them shall be dealt with directly between the Employer's Agent and the Contractor in the context of all subcontract work being an integral part of the Works for which the Contractor is responsible.

The Employer's Agent will not liaise directly with any subcontractors nor will he issue instructions concerning the subcontract works directly to any subcontractor. All matters arising out of the subcontract agreements shall be dealt with directly between the Contractor and the subcontractors and the Employer's Agent will not become involved.

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C3.3.2.1 Procedure for the selection of sub-contractors/suppliers

Where monetary allowances for provisional sums or prime costs items have been provided in the Bills of Quantities, and where the work or items to which the allowances relate are to be executed/supplied by sub-contractors/suppliers, then the following selection process shall be followed in respect of the required sub-contractors/suppliers:

Where the monetary allowance is less than or equal to R200 000, the Contractor shall invite three quotations from suitably qualified sub-contractors/suppliers for the required work or items. The selection of the three sub-contractors/suppliers shall be in consultation with, and to the approval of the Employer's Agent. The evaluation of the quotations received must include a preference points system as described in C.3.11 of the Tender Data.

Where the monetary allowance is in excess of R200 000, an open competitive tender process shall be followed in respect of the selection of a sub-contractor/supplier for the required work or items. In such circumstances, tender documentation will be prepared by the Employer's Agent in consultation with and to the approval of the Contractor, invitations to tender will be advertised by the Employer's Agent on behalf of the Contractor, and a sub-contractor/supplier will be selected from the responses received, by the Contractor and Employer's Agent in consultation. The evaluation of the offers received must include a preference points system as described in C.3.11 of the Tender Data. The Contractor must satisfy him/herself that the selected sub-contractor/supplier can meet the requirements of the sub-contract /supply agreement and may, on reasonable grounds, elect not to employ a particular sub-contractor/supplier.

In both instances above (less than or equal to R200 000 or in excess of R200 000), the contractual relationship between the Contractor and sub-contractor/supplier shall be as described in General Conditions of Contract.

C3.3.2.1 Attendance on subcontractors

Approval given in terms of subcontracting shall not relieve the Contractor of any responsibility, duty or obligation imposed upon him by the Contract, and the Contractor shall in particular be and remain solely liable and responsible for all acts, omissions, negligence or breaches of contract on the part of the assignee or any of his employees, and for all acts, omissions or negligence of any Sub- Contractor or any of his employees.

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C3.4 Construction

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- C3.4.10 OTHER FACILITIES AND SERVICES
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- C3.4.19 SAFETY AND THE ENVIRONMENT – WORKS AT A LANDFILL SITE

C3.4.1 STANDARDISED SPECIFICATIONS

For the purpose of this Contract the following SANS 1200 Standardised Specifications for civil engineering construction shall apply:

SANS 1200	A	General
SANS 1200	AB	Engineer's Office
SANS 1200	C	Site Clearance
SANS 1200	D	Earthworks
SANS 1200	DB	Earthworks (Pipe trenches)
SANS 1200	DK	Gabions and Pitching
SANS 1200	G	Concrete (Structural)
SANS 1200	L	Medium pressure pipelines
SANS 1200	LB	Bedding (Pipes)
SANS 1200	LC	Cable ducts
SANS 1200	M	Roads (General)
SANS 1200	ME	Subbase
SANS 1200	MJ	Segmented Paving
SANS 1200	MK	Kerbing and channelling

These standardised specifications are not bound into this document nor issued with it. The Contractor may purchase copies for his own use from SABS, Liesbeek Parkway, Rosebank. It shall be the responsibility of the Contractor to obtain, at his own expense, the most recent copies of the relevant editions of the documents referred to above, where applicable.

C3.4.2 PARTICULAR/PROJECT SPECIFICATIONS

The following particular specifications shall apply to this contract and are Annexed to this Contract

PSPA Landfill Gas Extraction Wells
Environmental Management Specification
Health and Safety Specification

C3.4.3 VARIATIONS AND ADDITIONS TO THE STANDARD AND THE PARTICULAR SPECIFICATIONS

Variations and additions to SANS 1200 Standard Specifications and the Particular Specifications are listed in the Annex to the Scope of Works.

C3.4.4 PLANT AND MATERIALS SUPPLIED BY THE EMPLOYER

Nil

C3.4.5 KNOWN SERVICES

The Contractor shall acquaint himself with all existing works. Under no circumstances shall the Contractor alter, or in any way interfere, with the existing works or underground services unless authorised by the Employer's Agent.

Where existing works are of such a nature that the Employer's Agent may require them to be moved by the Contractor, the cost of such work will be paid for at scheduled rates or on dayworks, plant and materials basis. The Contractor will be held responsible for damages to any existing works and any damages caused shall be made good at his own cost without delay.

The Contractor is to exercise care when the proposed work is to cross an existing service, or work is to be performed close to an existing service. Prior to commencement of the relevant portion of the proposed works, the Contractor, with the Employer's Agent or his duly appointed representative, shall also perform a visual inspection of the area in question. This inspection will not relieve the Contractor of his obligations with respect care of the works referenced in the General Conditions of Contract.

C3.4.5.1 DAMAGE TO SERVICES

The costs to make good damage that occurs to unknown services during construction, will be carried by the Employer. However, all services that have been located and exposed, but are subsequently damaged by the Contractor or his subcontractor, shall be reinstated at the cost of the Contractor.

C3.4.5.2 REINSTATEMENT OF SERVICES AND STRUCTURES DAMAGED DURING CONSTRUCTION

The Contractor shall inform the Employer's Agent immediately when a service or structure is damaged. The extent of the damage and a proposal on how to reinstate the service or structure, shall be submitted to the Employer's Agent on a sketch. This shall include dimensions and time frames.

The Contractor shall not be allowed to reinstate any service or structure unless indicated so by the Employer's Agent. The Contractor shall render all reasonable assistance to the service or structure owner, with the reinstatement of the service or the structure if required.

The Contractor shall be responsible for the reinstatement of the services or structures or for the full cost thereof, if reinstated by others.

C3.4.6 WATER AND POWER SUPPLY

A reticulated potable water supply is available in the vicinity of the Site.

Stellenbosch Municipality is the responsible water supply authority and will be responsible for the provision of a metered connection point at the Contractor's cost. Please contact the Water Services Department (Tel. 021 808 8212)

The Contractor shall make his own arrangements with the Municipality for the necessary connections and additional reticulation. The cost, if any, together with the cost of consumption, shall be for the Contractor's account.

No warranty is offered or given by the Employer that the existing available reticulated water supply will necessarily be adequate for the Contractor's purposes nor that such supply is in any way guaranteed.

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Electricity is available on site from the existing reticulation.

The responsible electricity supply authority in the area of the Site is:

Stellenbosch Electrical Services. Please contact Infrastructure Services (Tel. 021 808 8300);

E-mail: engineering.services@stellenbosch.gov.za.

No warranty is offered or given by the Employer that the existing available reticulated electrical power supply will necessarily be adequate for the Contractor's purposes nor that its supply is in any way guaranteed.

The Contractor shall make his own arrangements with the Municipality for the necessary connections and additional reticulation, the cost, if any, together with the cost of consumption, shall be for the Contractor's account

C3.4.7 FACILITIES PROVIDED BY THE CONTRACTOR

The Contractor shall provide, maintain and remove his own facilities to the satisfaction of the Employer's Agent.

C3.4.7.1 Location of Contractor's camp site

The Contractor's camp shall be established within the boundary of the landfill. The exact location will be determined by the Employer's Agent.

C3.4.7.2 Contractor's camp site

The camp site shall be properly and neatly fenced using temporary fencing with secure access control. The Contractor shall be responsible for providing and maintaining his own security arrangements for the duration of the Contract.

The Contractor shall use this area only for the purposes of erecting his site offices, workshops, stores and other facilities required for the execution of the Contract. The Contractor shall not use the area nor allow it to be used for any purposes not directly associated with the execution of the Contract.

On completion of the Works, or when ordered by the Employer's Agent, the Contractor shall remove all temporary buildings and latrines, shall restore the Site to a clean and sanitary condition to the satisfaction of the Employer's Agent and shall rehabilitate the area in accordance with the EMP.

C3.4.7.3 Access

Access to the site shall be controlled and the Contractor shall maintain a register of all persons and vehicles entering and leaving the site.

C3.4.7.4 Housing

No housing for the Contractor's employees is available, nor shall be allowed, on site,. It is the sole responsibility of the Contractor to house his employees and transport them to and from the Site.

C3.4.8 FACILITIES FOR THE EMPLOYER'S AGENT

The Contractor shall provide on the Site, for the duration of the Contract and for the exclusive use of the Employer's Agent and/or his Representative (as applicable) the various facilities described hereunder. All such facilities shall be provided promptly on commencement of the Contract. Failure on the part of the Contractor to provide any facility required in terms of this specification shall constitute grounds for the Employer's Agent to withhold payment of the Contractor's tendered Preliminary and General items, until the facility has been provided or restored as the case may be.

C3.4.8.1 Office accommodation

Separate office space is required for the Employer's Agent or his Representative. Refer to PSAB 3.2.

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C3.4.8.2 Carport

The Contractor shall provide on Site, for the duration of the Contract, one (1) carport for the sole use of the Employer's Agent and his staff. The carport shall be constructed so that the vehicle parked under it is always protected against the direct rays of the sun.

The carport area shall be at least 20 m² and the floor shall be covered with a layer of crushed stone to alleviate dusty and muddy conditions. It shall be positioned so as to provide easy and convenient access to the Employer's Agent's office. Refer to PSAB 3.3.

C3.4.8.3 Site meeting venue

The Contractor shall provide within his own site establishment facilities, a suitably furnished office or other venue capable of comfortably accommodating a minimum of six (6) persons at site meetings. At all reasonable times, the Employer's Agent shall be allowed free use of such venue for conducting any other meetings relating to the Contract.

C3.4.8.4 Contract name board

The Contractor shall provide, erect and maintain, one (1) contract name board at such position and location directed by the Employer's Agent. These shall, unless otherwise specified elsewhere in the Contract, comply with the Employer's standard project board with regard to size, painting, decorating and detail and any other requirements described hereunder. Refer to SANS1200AB 3.1 and 5.1.

The Contractor shall keep the contract name boards in a good state of repair for the duration of the Contract and shall remove them, on completion of the Contract, before the Certificate of Completion will be issued.

C3.4.8.5 Survey equipment and assistants

The Employer's Agent and his Representative shall be allowed free use of all the Contractor's site facilities. In addition, he/they shall be allowed free use of survey equipment, including an assistant, to carry out control work when required. The Contractor shall provide all pegs, concrete, tools and other necessary items, as well as all necessary labour for excavation, bush clearing, mixing and placing of concrete when required.

C3.4.8.6 Electricity supply for the Employer's Agent

The electricity supply to the Employer's Agent's office(s) and laboratory (if applicable) whether provided by the Contractor by way of a reticulated supply from a local authority, or other authorised electricity supply, shall be regulated by the Contractor. This is to prevent damage that may occur to any electrical plant and equipment provided by the Contractor or the Employer's Agent, due to fluctuations in the supply. The Contractor shall be liable for, and pay to the Employer's Agent on demand, all costs that the Employer's Agent may incur in the repair or replacement of any electrical equipment provided by the him on the Site. Reliance by the Contractor on the regulation of the electrical supply by the supplier, shall not absolve him of his liabilities in terms of this Subclause and where appropriate, the Contractor shall provide and install at his own cost, all such electrical current-regulating equipment as is necessary to prevent damage to the said equipment.

C3.4.8.7 Site instruction book and Site diary

The Contractor shall keep a triplicate book for Site Instructions on the Site at all times. In addition, he shall provide and maintain a Site diary for daily completion.

C3.4.9 LABORATORY FACILITIES

In order to ensure compliance with the requirements of the Specifications, the Contractor shall provide and allow for either his own facilities, apparatus and procedures for the testing of materials and the process control testing of materials and workmanship or, engage the services of an approved independent laboratory to undertake all testing of materials, the results of which are specified in, or may reasonably be inferred from, the Contract.

The Employer's Agent shall only carry out control tests using the Contractors independent laboratory.

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C3.4.10 OTHER FACILITIES AND SERVICES**C3.4.10.1 Waste Disposal**

The Contractor shall be responsible for the disposal of his solid and liquid waste. Disposal will take place at the landfill by arrangement with the Landfill Manager.

C3.4.10.2 Telephone Facilities

The Contractor shall be responsible for arranging his own telephone facilities and for all related costs.

C3.4.12.3 Ablution Facilities

Ablution facilities are not available on site. The Contractor shall therefore make the necessary arrangements to provide these facilities. Serviced, chemical toilets shall be the minimum acceptable standard as indicated in the EMP. These must be placed in a position(s) to be approved by the Employer's Agent. The facilities must be approved by him and must be maintained in a clean and sanitary condition.

C3.4.11 NOTICE BOARDS, SIGNS, BARRICADES AND ADVERTISEMENTS

All notices, signs and barricades may be used only if approved by the Employer's Agent. The Contractor shall be responsible for their supply, erection, maintenance and ultimate removal and shall make provision for this in his tendered rates.

The Employer's Agent shall have the right to instruct the Contractor to move any sign or notice to another position, or to remove it from the Site of the Works if in his opinion it is unsatisfactory or dangerous.

C3.4.12 DEALING WITH WATER

The Contractor shall take all necessary measures to deal with water.

Leachate may be present in the low-lying areas of the landfill and care must be taken in dealing with this, and any, liquid. Suitable Personal Protective Equipment shall be used at all times and the Contractor must instruct his staff appropriately. Any leachate that has to be removed shall be disposed of in the landfill leachate pond after making arrangements with the Landfill Manager.

The Contractor shall make provision and allow for all dewatering and temporary coffer dams. All costs for this operation for the duration of the contract shall be deemed to be included in the Fixed and Value related charges in Section 1: Preliminary and General in the Pricing Data.

C3.4.13 ALTERATIONS, ADDITIONS, EXTENSIONS AND MODIFICATIONS TO EXISTING WORKS.

The Contractor shall within 20 days or 10% of the construction period after taking possession of the site (whichever is the lesser) satisfy himself that the dimensional accuracy, alignment, levels and setting out of existing structures or components thereof are compatible with the proposed works and shall notify the Employer's Agent of any areas of dissatisfaction.

C3.4.14 SITE MAINTENANCE

During progress of the work and upon completion thereof, the Site of the Works shall be kept and left in a clean and orderly condition. The Contractor shall store materials and equipment for which he is responsible in an orderly manner and shall keep the Site free from debris and obstructions.

C3.4.15 WASTE DISPOSAL OPERATIONS

The Contractor shall note that the site is within the boundaries of an operating landfill and as such, he shall ensure that construction activities do not interfere with the day-to-day operations of the Stellenbosch Landfill site. At all points of contact with the public or the Employer's staff, the Contractor shall behave with courtesy and understanding. Problems are to be reported to the Employer's Agent.

C3.4.16 WAYLEAVES, PERMISSIONS AND PERMITS

The Contractor shall be responsible for obtaining all of the necessary wayleaves, permissions or permits applicable to working near any existing services or other infrastructure on Site, and shall ensure that any wayleaves, permissions or permits obtained by the Employer's Agent prior to the award of the contract, are transferred into the Contractor's name.

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The Contractor shall abide by any conditions imposed by such wayleaves, permissions or permits.

The Contractor shall ensure that all wayleaves, permissions and permits are kept on site and are available for inspection by the relevant service authorities on demand.

The Contractor shall also ensure that any wayleaves in respect of electricity services are renewed timeously every three months.

All costs for obtaining and maintaining wayleaves for the duration of the contract shall be deemed to be included in the Fixed and Time related rates in Section 1: Preliminary and General in the Pricing Schedule.

C3.4.17 LOCAL PRODUCTION AND CONTENT

The Contractor will be required to comply with all requirements as stated in this document.

C3.4.18 EMPLOYMENT OF SECURITY PERSONNEL

All security staff employed by the contractor on behalf of the Employer or at any Employer's property, must be registered with Private Security Industry Regulatory Authority (PSiRA). Proof of such registration must be made available to the Employer's Agent upon request.

C3.4.19 SAFETY AND THE ENVIRONMENT – WORKS AT A LANDFILL SITE

The Contractor's attention is drawn to the requirements of the Particular Specifications Appendix A: Environmental Management Specification and Appendix B: Health and Safety Specification. This is with particular reference to the potential hazards of carrying out the Works adjacent to a working Landfill Site, including the impacts of daily operations, contaminated liquids, leachate and landfill gas. The Contractor shall honour all requirements of these specifications and shall ensure that the appropriate measures have been taken.

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C3.5 Management

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- C3.5.24 ENVIRONMENTAL CARE
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- C3.5.26 COMMUNITY LIAISON OFFICER

C3.5.1 STANDARDISED MANAGEMENT SPECIFICATIONS FOR CONSTRUCTION WORKS

None

C3.5.2 PARTICULAR SPECIFICATIONS

The Particular Specifications listed in Clause 3.6 of the Scope of Works apply to this Contract.

C3.5.3 CONSTRUCTION PROGRAMME AND METHODS

The programme to be submitted by the Contractor in terms of the General Conditions of Contract, shall be in the form of a bar chart with a horizontal time scale and shall clearly show all significant activities, the duration of all activities, the interdependencies (if any) of activities and the critical path of the overall programme. It shall clearly relate to the items or groups of items in the Bill of Quantities, shall indicate the quantity of work that will be completed each month and shall ideally be drawn up using a commercially available computer programme. The programme shall take account of, and include:

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- a) All special non-working days
- b) Known physical conditions or artificial obstructions
- c) Searching for, dealing with and carrying out alterations to existing services, and
- d) The accommodation and safeguarding of public access and traffic

The Employer's Agent can, in consultation with the Contractor, review and adjust the programme during the course of the contract to ensure that the annual budget is met.

C3.5.4 SEQUENCE OF THE WORKS

The Contractor shall include the sequence of works in the tender programme submitted with his tender offer. In determining the sequence of the works and in preparation of his Project Programme, the Contractor shall consider the following:

- a) The Employer's, indicative programme of where he intends disposing of waste, insofar as this impacts on the Contractor's access to certain areas of the site, as well as the need to sequentially complete work in specific areas.
- b) Least disruption to vehicles entering the site to dispose of waste and to the operations at the landfill workplace.

C3.5.5 METHODS AND PROCEDURES

In his tender, the Contractor shall advise, via a Method Statement, the methods and procedures that he proposes in performing the works. These methods and procedures shall not be deemed as terms of the Contract. The Contractor is permitted to change his methods and procedures should he see fit, subject to the change(s) being approved by the Employer's Agent. Methods and procedures will not bring about changes to the specification and cannot be used to provide qualifications to the proposed Agreement. The intention of the Method Statement is to provide the Employer's Agent and the Employer with a clear description of how the Contractor proposes to carry out the Works.

C3.5.6 WORKING HOURS

Normal working hours shall be from 07h00 until 17h00 on weekdays from Monday to Friday and from 07h00 until 13h00 on Saturdays.

Work on other days or at other times shall only be allowed after agreement has been reached with the Employer and after written approval has been granted by the Employer's Agent.

C3.5.7 QUALITY PLANS AND CONTROL.

Within three weeks of the award of the contract the Contractor shall furnish the Employer's Agent with a Quality Assurance and Control plan that incorporates all of the requirements of this specification.

C3.5.7.1 Quality System

The Contractor shall, for the purposes and duration of the Contract, operate and maintain a Quality Management System complying with the requirements of the ISO 9000-9004 series (as applicable). The Quality Management System shall take the form of a co-ordinated and formally documented statement and shall include quality management objectives, policies, organisation, procedures and work instructions, that demonstrate the Contractor's implementation of the requirements of ISO 9001 - 2000 Code for Quality Management Systems.

C3.5.7.2 Project Quality Plan

The Contractor's Project Quality Plan shall indicate how the Contractor's Quality System shall apply to the specific requirements of the Contract. It shall clearly indicate, by way of written description, schedules, flow diagrams and procedures, compliance with ISO 9001 - 2000 and compliance by Sub-Contractors to ensure compliance with ISO 9001, 9002 or 9003 - 2000, as appropriate to the classification of the product or service.

The Project Quality Plan shall identify all documentation concerning implementation of the procedures and will form part of the demonstration of conformance to requirements for the plant, materials and equipment to be supplied under this Contract.

The Project Quality Plan shall be subject to the Employer's Agent's approval.

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The vocabulary used shall comply with the requirements of ISO 8402 - 1994.

C3.5.8 SITE USAGE

Apart from the site guard(s), the Contractor's employees are not allowed to stay on site outside of normal working hours.

Access to the site shall be controlled and the Contractor shall maintain a register of all persons and vehicles entering the site.

C3.5.9 OTHER CONTRACTORS ON SITE

During the course of the contract other contractors may be employed on or near the site, on other contracts. This may include a contractor for the construction of Cell 4 and appurtenant works and a contractor for the relocation of the Eskom powerlines traversing the site.

C3.5.10 TESTING, COMPLETION, COMMISSIONING AND CORRECTION OF DEFECTS

Workmanship, tolerances and frequency of testing are to be in accordance with relevant specifications.

The Employer reserves the right to appoint independent testing laboratories to monitor the results returned by the Contractor for the quality of materials and work performed.

The Contractor shall conduct his own testing as work proceeds, to ensure that the necessary requirements and specifications are being complied with.

Once the Contractor is satisfied as to the completion of any stage of his work, he shall proceed in accordance with the following:

- Necessary measurements (survey, levels, etc.) are to be taken for computation of quantities.
- Information must be submitted to the Employer's Agent for approval.
- The said stage shall be tested by his own laboratory, the Employer's Agent and/or any other party requested by the Employer's Agent. This testing shall take place jointly by all the parties involved and at the direction of the Employer's Agent.
- The Employer's Agent will only issue a Site Instruction to proceed with the next stage, once the measurement information and the results from the required tests have been submitted to, and approved by, him.
- Both the Contractor and the Employer's Agent will keep the measurement information and all test results for each stage in a filing system that will enable easy access. All samples taken for testing shall be suitably referenced to enable them to be traced. This includes a dimensioned Site Plan where necessary.
- The Contractor shall arrange for testing as described above, at least 24 hours in advance. Should the Contractor fail to request an inspection timeously and proceed with work without the Employer's Agent's approval, this will be at his own risk.

C3.5.11 RECORDING OF WEATHER

The Contractor shall be responsible for keeping accurate records of weather conditions in the Daily Site Diary, to use as substantiation of any claim for extension of time in accordance with GCC, Clause 10.1

The Contractor will inform the Employer's Agent when he is unable to proceed with the works in accordance with the approved contract program. Subject to the approval of the Employer's Agent, the rainfall and other relevant information will be noted in the Daily Site Diary for the applicable day(s). After the event, the Contractor shall provide a revised contract program clearly showing whether the delay affects his schedule to the extent that he will need to motivate for an extension of time. This motivation shall be in accordance with the relevant GCC Clause(s).

The Employer's Agent, together with the Employer, shall be responsible for granting the extension of time.

C3.5.12 FORMAT OF COMMUNICATIONS

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All instructions to the Contractor will be in writing and shall be deemed to have been received if left with the Contractor or his agent at the site of the works or at the business premises of the Contractor.

The format of the letters, invoices etc, will be determined and agreed at the first site meeting

C3.5.13 KEY PERSONNEL

In making his offer, the Contractor is deemed to have all necessary personnel available to perform the works in the contracted time and cost. In addition, he shall comply with the prevailing Occupational Health and Safety Act.

The Contractor shall state, in the form of a schedule, the posts for which he shall consider key personnel for the Works. The Contractor, once formally requested by the Employer's Agent, shall make available the contact details of all the key personnel on site.

The Employer's Agent and his duly appointed representative will be the key contacts on site.

C3.5.14 MANAGEMENT MEETINGS

Monthly Progress Meetings shall be held, commencing with the first meeting, called the Site Handover meeting. The Contractor will be supplied with an appropriate agenda for the Progress Meetings and they shall be chaired by the Employer's Agent or his duly appointed representative.

The Contractor shall arrange for the Contractor's Project Manager and the Contractor's Technical Supervisor, to attend these meetings when called for by the Employer's Agent.

The Employer's Agent or his duly appointed representative shall be responsible for issuing of the minutes.

C3.5.15 DAILY RECORDS

The Contractor shall provide and maintain a Daily Site Diary for recording weather, the work done each day and full details of any circumstance which may affect the progress of the works. A triplicate system shall be used - one original sheet and two copies for each day. The original will be retained by the Employer's Agent or his representative. The Contractor may remove the second sheet but the third sheet shall be retained on the site until completion of the works, when it shall be handed over to the Employer's Agent.

C3.5.16 REPORTING

At least three days before each monthly site meeting, the Contractor shall submit a monthly progress report to the Employer's Agent. It shall contain the following details:

- i) A summary of progress on site over the month preceding the site meeting, as a detailed narrative to the contract programme.
- ii) Those activities which are running late in terms of the accepted programme and the Contractor's proposed actions to redress the situation.
- iii) All plant, labour and materials utilised.

C3.5.17 PAYMENT CERTIFICATES

The monthly Statement to be submitted by the Contractor in terms of the General Conditions, shall be prepared by him, strictly in accordance with the format prescribed by the Employer's Agent and shall be in digital electronic computer format. In addition, the Contractor shall submit two (2) A4 size paper copies.

For the purposes of the Employer's Agent's Payment Certificate, the Contractor shall subsequently be responsible, at his own cost, for making such adjustments to his Statement as may be required by the Employer's Agent for the purposes of accurately reflecting the actual quantities and amounts which the Employer's Agent deems to be due and payable to the Contractor in the Payment Certificate.

The Contractor shall, at his own cost, make the said adjustments to the Statement and return it to the Employer's Agent within three (3) normal workings days from the date on which the Employer's Agent communicated to the Contractor the adjustments required. The Contractor shall then submit five (5) sets of A4 size paper copies of the adjusted Statement, together with a copy of the electronic digital computer file, to the Employer's Agent,

Any delay by the Contractor in making the said adjustments and submitting the requisite copies, will be additional to the time within which the Employer's Agent is required to submit the signed Payment

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Certificate to the Employer, as well as the time within which the Employer is required to make payment to the Contractor.

Payment for particular items scheduled shall conform to the applicable payment clauses of the Pricing Data, Project Specifications and the Particular Specifications.

Where retention money is applicable to a Contract, on the Payment Certificate, this shall be deducted from the total amount for work done and then the Value Added Tax (VAT) added to calculate the total amount payable to the Contractor.

If penalties are payable, they will be deducted prior to the addition of VAT but after the calculation of retention.

The amended Value-Added Tax Act requires that a Tax Invoice for supplies in excess of R3 000 should, in addition to the other required information, also disclose the VAT registration number of the recipient, with effect from 1 March 2005. The VAT registration number of the Stellenbosch Municipality is **4700102181**.

C3.5.18 AS- BUILT DATA

At the start of the Contract, the Contractor will be given a complete set of prints of the drawings upon which he shall, as the work progresses, record all amendments to, and deviations from, the original drawings. The actual positions and levels of all the works completed, shall be accurately determined and recorded on these as-built drawings.

C3.5.19 UNBUNDLING OF MUNICIPAL INFRASTRUCTURE ASSETS

As part of the project closeout, the Contractor shall assist the Employer's Agent in unbundling the assets. On practical completion date, a report or certificate should be issued indicating the total costs of the project attributable to each significant component as identified within the lowest asset hierarchy level (4) as specified within the infrastructure catalogue or Annexure A of the Stellenbosch Municipality's asset management policy as approved in 2014, if not contained in the catalogue.

C3.5.20 FINISHING AND TIDYING

As the works proceed, completed areas shall be progressively and systematically finished off and tidied. Spoil, rubble and other materials shall not be allowed to accumulate.

The contractor shall recover all excess materials used in the works and dispose at the landfill workplace or elsewhere on the landfill as directed by the Employer's Agent.

C3.5.21 OCCUPATIONAL HEALTH AND SAFETY ACT

In terms of the provisions of Section 37(2) of the Occupational Health and Safety Act, Act No. 85 of 1993 (the Act) the Contractor, as an employer in its own right and in its capacity as principal contractor for the execution of the works, shall have certain obligations and the following arrangement shall apply between the Contractor and the Employer to ensure compliance by the Contractor, with the provisions of the Act:

- a) The Contractor undertakes to acquaint the appropriate officials and his employees with all relevant provisions of the Act and the Construction Regulations 2014 promulgated in terms of the Act, and
- b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed by the Act and the Construction Regulations 2014 shall be fully complied with, and
- c) The Contractor shall be obliged to report forthwith to the Employer any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act or Construction Regulations 2014 pursuant to work performed on behalf of the Employer. In addition, the Contractor shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge, and
- d) The Contractor shall when called upon to do so, enter into and execute an agreement as provided for under Section 37(2) of the Act. The agreement in the relevant form shall be submitted to the Employer, together with a letter of good standing from the Compensation Commissioner, within fourteen days of receipt of the Letter of Acceptance. The Site will not be handed over to the Contractor until the Employer has received the completed Agreement and the letter of good standing,

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- e) The Contractor shall refer to Particular Specification Appendix B: Health and Safety Specification.

C3.5.22 ACCOMMODATION OF TRAFFIC

The Contractor shall maintain close liaison with the Landfill Manager regarding the effect of the proposed works on access to the Landfill Site, access to the working face of the landfill, as well as access for the Municipal Law Enforcement personnel to undertake their perimeter patrols.

C3.5.23 SAFETY AND SECURITY

The Contractor shall be responsible for the safety and security of his personnel, materials on site and the works in general at all times. The Contractor shall therefore acquaint himself with the current situation in the areas (by liaising with the local South African Protection Services if necessary) and shall provide all security measures, including the employment of accredited security services, as he deems necessary to comply with the requirements of this clause.

The Contractor shall ensure that the general public and the Employer's staff, are at all times protected from the works, and that all works areas are properly fenced off. Where the normal use by the public or Employer's staff of access to roadways is restricted due to the construction works, adequate notices and signage of such temporary closures and alternative routes shall be provided.

In addition to the statutory requirements of the Occupational Health and Safety Act, the Contractor shall take adequate Health and Safety precautions when working in, and adjacent to, waste. The wastes disposed of at the landfill are classified as general wastes (domestic, commercial, industrial and inert) as well as hazardous. Accordingly, the Contractor shall take adequate precautions to limit any unnecessary contact with these wastes. In addition, in order to instruct and alert the Contractor's and Sub-contractors' staff, appropriate measures must be taken.

The following shall be taken cognisance of;

- The Contractor's attention is drawn to the flammable, explosive and asphyxiant nature of landfill gas. This is likely to be present in all waste bodies as well as to accumulate in enclosed spaces (manholes etc.). The Contractor shall take all necessary precautions to ensure the safety of his/her personnel and all third parties from the dangers of landfill gas.
- The flammable constituent of the gas is methane.
- Due to the fact that this is an active landfill site, vehicles and plant will be operating in many areas, Special care and precautions must be taken where staff have restricted sight as a result of working with their heads below the general surface and in excavations.
- The Contractor's personnel shall not enter the operational areas and contact with waste and leachate must be kept to a minimum.
- No scavenging on waste bodies is allowed.
- Workmen are to be provided with the appropriate Personal Protective Clothing and equipment.
- The lighting of fires, the use of naked flames and smoking on site, is strictly prohibited.
- The Contractor shall make all Sub-Contractors, visitors, third parties and agents aware of the hazards associated with the landfill and shall ensure that they take the necessary precautions.

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C3.5.24 ENVIRONMENTAL CARE

The Contractor shall refer to the Particular Specification Appendix A: Environmental Management Specification and its Annexures.

The Municipality shall nominate an Environmental Officer for the whole or part of the contract period to monitor the Contractor's compliance with his specified obligations with regard to the Environmental Management Plan.

C3.5.25 FINANCIAL MANAGEMENT

This contract has a budget limit and shall be completed within this budget.

The measurements in the Bill of Quantities shall be taken as provisional and Clause 6.11 of the General Conditions of Contract shall not apply to this Contract and the Employer reserves the right to amend, limit or omit certain portions / parts of the works without thereby invalidating the contract

The financial year for the Employer closes on 30 June each year.

The maximum total expenditure, excluding contract price adjustment and extra work, for any financial year or part thereof during which this contract is being executed, shall be limited to the estimated expenditure (as submitted in Form A8: Schedule of Estimated Monthly Expenditure of T2.2: Returnable Schedules completed by the tenderer) approved by the Employer's Agent plus ten (10) percent for that specific financial year.

During the course of the contract the Employer's Agent shall determine the extent of work required to remain within budget and shall vary the quantities or areas or items of work accordingly. Any claims or variations that the Contractor requires to submit shall be done timeously and without delay.

C3.5.26 COMMUNITY LIAISON OFFICER

A Community Liaison Officer must be appointed for the specific area where the projects will be performed. The Contractor is to liaise with the Portfolio holders and Ward counsellors who will appoint the person who will then act as the Community Liaison Officer.

Should the Contractor experience problems with the Community Liaison Officer he will resolve all problems through the Portfolio holders and Ward counsellors. Refer to C1.5 Contract of Temporary Employment as Community Liaison Officer for additional information.

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. The date of commencement of temporary employment of the CLO shall be as agreed with the Employer's Agent.

It is required, therefore, that the Contractor enter into a contract of temporary employment with the selected CLO, the contracting parties being the Contractor and the CLO. To this end, a specimen Form of Contract of Temporary Employment as Community Liaison Officer is included in this document (Part C1.6: Agreement and Contract Data). This Form of Contract sets out, inter alia, the agreement between the parties, the duties and conditions of employment of the CLO (including the rate of remuneration to be paid). As said 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.

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C3.6 Annexes

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3.6.1 PARTICULAR SPECIFICATIONS

C3.6.1 Particular Specifications

Refer to Bill of quantities and drawings. Additional information will be provided if and when required and or requested.

C4 Site Information

CONTENTS

- C4.1 DESCRIPTION OF THE SITE AND ACCESS
- C4.2 NATURE OF GROUND AND SUBSOIL CONDITIONS
- C4.3 WEATHER AND WORKING CONDITIONS

C4.1 DESCRIPTION OF THE SITE AND ACCESS

The Hofman Building is situated on the corner of Hofman Street and Merriman Avenue, Stellenbosch. The location of the site is on Erf RE/194, GPS coordinates of Latitude: 33°55'56"S, Longitude: 18°51'21"E. Access to the site is from Hofman Street. The erf is 33 789.3m² in size, however the buildings will occupy only 264,63m² of the site.

C4.2 NATURE OF GROUND AND SUBSOIL CONDITIONS

As per engineer's drawings. Refer to [ANNEXURE B](#).

C4.3 WEATHER AND WORKING CONDITIONS

It is to be noted that the sites are situated in a region where high winds and seasonal rain can be expected. The conditions are typical of the Western Cape region, with prevailing wind direction during summers mainly south easterly and in winter north westerly.

The area normally receives from 500mm to 600mm of rain per year, most of it during winter. It receives the lowest rainfall in January and the highest (120mm) in June. The monthly distribution of average daily maximum temperatures shows that the average midday temperatures for Stellenbosch range from 12°C in July to 22°C in December. The region is the coldest during July reaching 3°C on average during the night. whilst the average maximum summer temperature is some 38°C.

**PART C5****APPENDICES****Pages**

Appendix A : Health and Safety Specification

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APPENDIX A: HEALTH AND SAFETY SPECIFICATION

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- 9. GENERAL HAZARDS AND RISKS APPLICABLE TO WORK REQUIRED IN TERMS OF THIS TENDER**
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 - 9.3. Confined spaces
 - 9.4. Other hazards
- 10. MEASUREMENT AND PAYMENT**
 - 10.1. Basic Principles

For use with the General Conditions of Contract for Construction Works, Third Edition, 2015.

1. DEFINITIONS

For the purposes of this Specification, the definitions given in the Occupational Health and Safety Act, 85 of 1993 and the Construction Regulations, 2014, and the following definitions, shall apply:

- 1.1.1 “Construction Regulations, 2014” means the Construction Regulations (GNR. 84 of 7 February 2014) published in terms of the OHS Act.
- 1.1.2 “Contractor” means the Principal Contractor as defined in the Construction Regulations, 2014.
- 1.1.3 “Employer” means the Client or his agent as defined in the Construction Regulations, 2014.
- 1.1.4 “**Employer’s Agent**” means the person/firm so named in the Contract Data whose function is to administer the Contract as agent of the Employer, acting through, if appointed, a Health and Safety Agent.
- 1.1.5 “OHS Act” means the Occupational Health and Safety Act, 85 of 1993.
- 1.1.6 “subcontractor” means any contractor employed by the Contractor to perform construction work.

2. SCOPE

In terms of the OHS Act and the Construction Regulations, 2014 the Employer must provide the Contractor with a Health and Safety Specification, to which the Contractor must respond with a Health and Safety Plan for approval by the Employer.

The purpose of this Specification is to ensure that a contractor entering into a contract with the Employer maintains an acceptable level of compliance with regard to health and safety issues during the performance of the Contract. In this regard the Health and Safety Specification forms an integral part of the Contract and the Contractor shall ensure that his subcontractors and/or suppliers comply with the requirements of this Specification.

3. INTERPRETATION

The OHS Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this Specification.

Responsibility for health and safety relating to the Works lies with the Contractor as described in this Specification. Nothing stated in or omitted from this Specification shall in any way limit the Contractor’s obligations and liabilities in terms of the OHS Act.

4. GENERAL REQUIREMENTS

The Contractor shall:

- 4.1.1 create and maintain a safe and healthy work environment;
- 4.1.2 execute the Works in a manner that complies with all the requirements of the OHS Act and all its associated regulations, and in so doing, minimize the risk of incidents occurring; and
- 4.1.3 respond to the instructions issued by the Employer’s Agent through the Employer’s Agent’s Representative, except in the case of a health and safety issue which requires the Contractor’s immediate attention, in which case the Employer’s Health and Safety Agent can issue an instruction directly to the Contractor.

5. ADMINISTRATION

5.1 Application for construction work permit

In terms of Regulation 3 of the Construction Regulations, 2014, read together with the exemptions published by the Department of Labour in Government Notice dated 17 August 2018, a client who intends to have construction work carried out, must at least thirty days before that work is to be carried out apply to the Provincial Director in writing for a construction work permit to perform construction work if the works contract will exceed 365 days and will involve more than 3600 person days of construction work or the tender value limit is grade 7, 8 or 9 of the Construction Industry Development Board (CIDB) grading. In such cases, the Employer’s Agent will not issue an instruction to commence executing the Works, and the Contractor will not be permitted to commence with Works execution, until such time as the required construction work permit has been issued by the Provincial Director.

The employer will apply for the construction work permit as soon as possible after its Bid Adjudication Committee has awarded the contract based on the draft Health and Safety Plan submitted. Should the issuing of a construction work permit be delayed by the submission of a draft Health and Safety Plan which, in the opinion of either the Employer’s Health and Safety Agent, or the Provincial Director of the Department of Labour, is unacceptable, no claim for an extension of time will be entertained.

The issuing of a construction work permit by the Department of Labour shall in no way nullify the requirement to submit a Health and Safety Plan to the Employer's Health and Safety Agent for discussion and approval (in terms of Clause H8.3 of this specification) before commencement with Works execution.

5.2 Notification of intention to commence construction work

The Contractor shall notify the Provincial Director of the Department of Labour in writing using the pro forma contained in Annexure 2 of the Construction Regulations, 2014 before construction work commences, and retain a copy of such notification in the health and safety file, if such work will:

- 5.2.1 include excavation work;
- 5.2.2 include working at a height where there is a risk of falling;
- 5.2.3 Include the demolition of a structure; or
- 5.2.4 include the use of explosives to perform construction work.

The Contractor shall ensure that no work commences on an electrical installation which requires a new supply or an increase in electricity supply before the person who supplies or contracts or agrees to supply electricity to that electrical installation has been notified of such work.

The Contractor shall ensure that no asbestos work is carried out before the Provincial Director of the Department of Labour has been notified in writing.

5.3 Occupational Health and Safety Agreement

The Contractor shall enter into an Agreement with the Employer before the commencement of the Works on Site.

5.4 Good standing with the Compensation Fund or a licensed compensation insurer

The Contractor shall provide the **Employer's Agent** with a letter of good standing from the Compensation Commissioner or a licensed compensation insurer before the commencement of the Works on Site.

5.5 Emergency procedures

The Contractor shall submit for acceptance to the **Employer's Agent**, a health and safety emergency procedure, which includes but is not limited to fire, spills, accidents and exposure to hazardous substances, which:

- 5.5.1 identifies the key personnel who are to be notified of any emergency;
- 5.5.2 sets out details of available emergency services, including contact particulars; and
- 5.5.3 the actions or steps which are to be taken during an emergency.

The Contractor shall within 24 hours of an emergency taking place notify the **Employer's Agent** in writing of the emergency and briefly outline what happened and how it was dealt with.

5.6 Health and safety file

The Contractor shall ensure that a Health and Safety file, which shall include all documentation required in terms of the provisions of the OHS Act, the Construction Regulations, 2014 and this Health and Safety Specification, is open and kept on Site at all times.

The Health and Safety file shall be made available for inspection by any inspector, subcontractor, the Employer, the Employer's Agent, the Employer's Health and Safety Agent, or employee of the Contractor, upon the request of such persons.

The Contractor shall hand over the Health and Safety file to the **Employer's Agent** upon Works completion of the Contract and, if applicable, a certificate of compliance accompanied by a test report for the electrical installation in accordance with the provisions of the Electrical Installation Regulations, 2009.

5.7 Health and safety committee

Where applicable, the Contractor shall establish a health and safety committee, and shall convene health and safety meetings as provided for in the OHS Act.

The **Employer's Agent** or the Employer's Health and Safety Agent shall be invited to attend such meetings as an observer.

The Contractor shall ensure that minutes of the health and safety committee meetings are kept.

5.8 Inspections, formal enquires and incidents

The Contractor shall inform the **Employer's Agent**:

- 5.8.1 beforehand of inspections, investigations or formal inquiries of which he has been notified by an inspector; and
- 5.8.2 as soon as reasonably practicable of the occurrence of an incident (as defined in the OHS Act) on the Site.

The Contractor shall record all incidents and notify the **Employer's Agent** of any incident, except in the case of a traffic accident on a public road, as soon as possible after it has occurred and report such incident to an inspector as designated in terms of the OHS Act.

The Contractor shall investigate all incidents and issue the **Employer's Agent** with copies of such investigations.

5.9 Personal protective equipment and clothing

The Contractor shall ensure that all workers are issued with the necessary personal protective clothing.

6. APPOINTMENTS

6.1 Appointment of construction manager

The Contractor shall, prior to commencing the Works on Site, appoint a full-time, competent person as the construction manager, with the duty of managing all construction work on a single site, including the duty of ensuring occupational health and safety compliance. In the absence of the construction manager an alternative must be appointed by the Contractor.

The Contractor may, having considered the size of the project, appoint, in writing, one or more assistant construction managers for different sections thereof.

No construction manager may manage any construction work on or in any construction site other than the Site in respect of which he or she has been appointed.

6.2 Appointment of construction supervisor, and health and safety officers

The construction manager shall appoint a competent employee(s) in writing as the construction supervisor(s) for the Site, who will be responsible for construction activities and ensuring occupational health and safety compliance on the construction site. The Contractor may, having considered the size of the project, appoint, in writing, one or more competent employees to assist the appointed construction supervisor(s).

The Contractor may, having considered the size of the project, the degree of danger likely to be encountered or the accumulation of hazards or risks on the Site, appoint a full-time or part-time construction health and safety officer in writing, who has in the Contractor's opinion the necessary competencies and resources, to assist the Contractor in the control of all health and safety related aspects on the Site.

The Contractor shall compile and maintain an organogram which outlines the roles and responsibilities of the construction supervisor's assistants, and health and safety officers.

6.3 Other competent persons

The Contractor shall appoint in writing, competent persons to supervise or inspect, as relevant, any of the following:

- a) temporary works operations;
- b) excavation work;
- c) demolition work;
- d) scaffolding work operations;
- e) suspended platform work operations;
- f) rope access work;
- g) material hoists;
- h) operation of bulk mixing plant;
- i) explosive activated fastening device;
- j) cranes;
- k) construction vehicles and mobile plant (equipment);
- l) the stacking and storage of articles on the Site; and

- m) fire equipment.

The Contractor shall appoint in writing competent persons to:

- n) induct employees in health and safety; and
- o) prepare a fall protection plan.

6.4 Health and safety representative(s)

The Contractor shall appoint in writing, if necessary in terms of the OHS Act, a health and safety employee representative(s), whose duties shall be as described in the OHS Act.

7. EMPLOYER'S HEALTH AND SAFETY AGENT

The Employer's Health and Safety Agent shall:

- a) audit the Contractor's compliance with the requirements of this Specification prior to the commencement of any physical construction activities on the Site;
- b) accept or reject all safety plans, giving reasons for rejecting such plans;
- c) monitor the effective implementation of all safety plans;
- d) conduct periodic and random audits on the health and safety file to establish compliance with the requirements of this Specification and the Contractor's health and safety plan; and
- e) visit the site at regular intervals to conduct site inspections, and based upon such visits issue, wherever necessary, any notices and/or instructions to the Contractor or any of the Contractor's subcontractors with a copy to the **Employer's Agent** and, where relevant, to the Contractor.

The Contractor shall invite the Employer's Health and Safety Agent to audit compliance with the requirements of this Specification before commencing with any new construction activity on the Site.

The Contractor shall permit the Employer's Health and Safety Agent to audit the Contractor's compliance with the approved Health and Safety Plan and shall provide any assistance and/or documentation as may be required in this regard.

8. CREATING AND MAINTAINING A SAFE AND HEALTHY WORK ENVIRONMENT

8.1 General

The Contractor shall with respect to the Site and the construction works that are contemplated:

- (a) cause a preliminary hazard identification to be performed by a competent person before commencing any physical construction activity;
- (b) evaluate the risks associated with such work constituting a hazard to the health and safety of such employees and the steps that need to be taken to comply with the OHS Act; and
- (c) as far as is reasonably practicable, prevent the exposure of such employees to the hazards concerned or, where prevention is not reasonably practicable, minimize such exposure.

The Contractor shall ensure that:

- (d) all reasonably practicable steps are taken to prevent the uncontrolled collapse of any new or existing structure or any part thereof, which may become unstable or is in a temporary state of weakness or instability due to the carrying out of construction work;
- (e) no structure or part of a structure is loaded in a manner which would render it unsafe;
- (f) relevant information, if any, provided by the designer of the structure is taken into account in the risk assessment; and
- (g) the designer of any temporary works complies with the requirements of regulation 6(2) of Construction Regulations, 2014.

The Contractor shall carry out regular inspections and audits to ensure that the Works are being performed in accordance with the requirements of this Specification and the Contractor's health and safety plan

8.2 Risk assessment

The Contractor shall before the commencement of any construction work on Site and during such construction work, cause risk assessment(s) to be performed by a competent person appointed in writing. Such assessment(s) shall as a minimum:

- (a) identify the risks and hazards to which persons may be exposed to;
- (b) analyse and evaluate the identified risks and hazards based on a documented method;

- (c) document a plan of safe work procedures, including the use of any personal protective equipment or clothing and the undertaking of periodic “toolbox talks” or inductions before undertaking hazardous work, in order to mitigate, reduce or control the risks and hazards that have been identified;
- (d) provide a monitoring plan; and
- (e) provide a review plan.

The Contractor shall ensure that as far as is reasonably practicable, ergonomic related hazards are analysed, evaluated and addressed in the risk assessment.

The Contractor must review the relevant risk assessment –

- (f) where changes are made to the design and or construction that result in a change to the risk profile; or
- (g) when an incident has occurred.

8.3 Health and safety plans

The Contractor shall prior to commencing the Works to which this Specification applies, submit to the Employer's Health and Safety Agent for approval a suitable and sufficiently documented health and safety plan, based on this Specification and the risk assessment that is conducted.

The health and safety plan shall include, but not be limited to, the following:

- (a) The safety management structure, including the names of all designated persons such as the construction supervisor and any other competent persons;
- (b) Safety method statements and procedures to be adopted to ensure compliance with the OHS Act; Construction Regulations, 2014 and this Health and Safety Specification;
- (c) The provision and use of temporary services;
- (d) Personal protective equipment, devices and clothing required;
- (e) Emergency procedures;
- (f) Provision of workers' welfare facilities;
- (g) Induction and training;
- (h) Arrangements for monitoring and control to ensure compliance with the safety plan; and
- (i) Provision and maintenance of the health and safety file and all other relevant documentation.

The Contractor shall provide each subcontractor with the sections of this Health and Safety Specification pertaining to the construction work to be performed by that subcontractor. The subcontractor shall provide the Contractor with a health and safety plan pertaining to his work, for incorporation into the Contractor's health and safety plan.

The Contractor shall discuss the submitted health and safety plan with the Employer's Health and Safety Agent, modify such plan in the light of the discussions and resubmit the modified plan for approval.

The Contractor shall apply the approved health and safety plan from the date of its approval and for the duration of the Works to which this Specification applies.

The Contractor shall conduct periodic audits for compliance with the approved health and safety plan at intervals agreed upon with the Employer's Health and Safety Agent, but at least once every month.

The Contractor shall update the health and safety plan whenever changes to the Works are brought about.

8.4 Responsibilities towards employees and visitors

The Contractor shall, as far as is reasonably practicable, cause every employee to be made conversant with the hazards to his health and safety attached to any work which he has to perform, any article or substance which he has to produce, process, use, handle, store or transport and any plant or machinery which he is required or permitted to use, as well as with the precautionary measures which should be taken and observed with respect to those hazards or safe work procedures.

The Contractor shall ensure that all employees under his control are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment.

The Contractor shall cause a record of all induction training to be kept, which indicates the names, identity numbers and job description of all those who attended such training.

The Contractor shall not allow or permit any employee to enter the Site, unless such person has undergone health and safety induction training pertaining to the hazards prevalent on the Site at the time of entry.

The Contractor shall ensure that all of his employees have a valid medical certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner on the prescribed form.

The Contractor shall ensure that each visitor to the Site, save where such visitor only visits the site office and is not in direct contact with the construction work activities:

- (a) undergoes health and safety instruction pertaining to the hazards prevalent on the Site; and
- (b) is in possession of and using the necessary personal protective equipment.

The Contractor shall cause a record of all induction training to be kept in the Health and Safety file.

The Contractor shall provide suitable on-site signage to alert workers and visitors to health and safety hazards and requirements. Such signage shall include but not be limited to:

- (c) prohibited unauthorized entrance;
- (d) signage to indicate what personal protective equipment is to be worn; and
- (e) activity related signs.

The Contractor shall not permit any person who is or who appears to be under the influence of intoxicating liquor or drugs, to enter or remain at a workplace.

8.5 Subcontractors

The Contractor may only subcontract work in terms of a written subcontract and shall only appoint a subcontractor should he be reasonably satisfied that such a subcontractor has the necessary competencies and resources to safely perform the work falling within the scope of the subcontract.

The Contractor shall ensure that all of his obligations in respect of subcontractors in terms of the Construction Regulations, 2014 are adhered to.

8.6 Work permits and wayleaves

The Contractor shall be responsible for obtaining all the wayleaves, permissions or permits applicable to working near any existing services or other infrastructure on Site, and shall abide by the safety conditions imposed by such wayleaves, permissions or permits.

8.7 Access to the Site

The Contractor shall ensure that access to the Site is strictly controlled and that, where possible, only authorised persons are permitted onto the Site.

The Contractor shall control the access to Site of his own personnel and equipment, and that of his subcontractors and suppliers, in such a way so as to ensure that the safety of all public pedestrian and vehicular traffic is not compromised.

8.8 First aid and emergency procedures

The Contractor shall, where more than five employees are employed at a workplace, provide a first aid box or boxes at or near the workplace, which shall be available and accessible for the treatment of injured persons at that workplace. Such first aid boxes shall contain suitable first aid equipment.

The Contractor shall ensure, where there are more than 10 employees employed on the Site, that for every group of up to 50 employees at that workplace at least one person is readily available during normal working hours who is in possession of a valid certificate of competency in first aid.

The following information shall be conspicuously posted in the offices of the Contractor for the duration of the Contract:

- a) Telephone numbers of emergency services;
- b) The names of all safety representatives and safety officers; and
- c) The name(s) of the competent first aider(s).

The Contractor shall post, in prominent places, notices indicating where the first aid box(es) is/are kept, as well as the name of the person in charge of the first aid box.

8.9 Housekeeping

The Contractor shall ensure, *inter alia*, that suitable housekeeping is continuously implemented on the Site, including provision for the:

- a) removal of scrap, waste and debris, and materials which are no longer required for use, at appropriate intervals (in accordance with Construction Regulation 27); and
- b) proper stacking and storage of materials and equipment (in accordance with Construction Regulations 27 and 28).

8.10 Fire precautions

The Contractor shall ensure that all appropriate measures are taken to minimise the risk of fire and that appropriate procedures and equipment are in place to deal with the event of a fire, all in accordance with Construction Regulation 29 and the Environmental Management Specification in Part C3.5 of the Scope of Work.

8.11 Facilities for workers

The Contractor shall provide ablution facilities and eating areas all as specified in the Environmental Management Specification in Part C3.5 of the Scope of Work.

9. GENERAL HAZARDS AND RISKS APPLICABLE TO WORK REQUIRED IN TERMS OF THIS TENDER

9.1 Existing Site conditions

The Contractor's personnel shall not enter the operational areas and contact with refuse and leachate should be kept to a minimum.

9.2 Environmental hazards

The Contractor's attention is drawn to the potential hazards of carrying out the Works adjacent to a working Landfill Site, including the impacts of daily operations, contaminated liquids, leachate and landfill gas. The Contractor shall honour all requirements of these specifications and shall ensure that the appropriate measures have been taken.

The Contractor's attention is further drawn to the flammable, explosive and asphyxiant nature of landfill gas resulting from the decomposition of waste. Landfill gas can migrate through ground and the Contractor shall take all necessary precautions to ensure the safety of his/her personnel and all third parties from the dangers of landfill gas. Landfill gas is particularly dangerous in enclosed spaces (manholes etc.)

In the vicinity of the landfill body, and in particular, within any excavations, flammable and poisonous landfill gas may be present. The flammable constituent of the gas is methane.

The wastes disposed of at the landfill are classified as general wastes (domestic, commercial, industrial and inert) as well as hazardous. Accordingly, the Contractor shall take adequate precautions to limit any unnecessary contact with these wastes. In addition, in order to instruct and alert the Contractor's and Sub-contractors' staff, appropriate measures must be taken

Leachate may be present in the low-lying areas of the landfill and care must be taken in dealing with this, and any, liquid. Suitable Personal Protective Equipment shall be used at all times and the Contractor must instruct his staff appropriately. Any leachate that has to be removed shall be disposed of in the landfill leachate pond after making arrangements with the Landfill Manager

9.3 Confined spaces

In the vicinity of the landfill body, and in particular, within any excavations, flammable and poisonous landfill gas may be present. The flammable constituent of the gas is methane. Special care and precautions must be taken where men may work with their heads below the general surface and in excavation.

9.4 Other hazards

No scavenging of refuse is allowed.

Workmen are to be provided with the appropriate safety clothing and equipment.

The lighting of fires is strictly prohibited, due to the possible presence of landfill gas, and smoking on site will also be prohibited. The use of naked flames must only take place under safe conditions.

The Contractor shall make all Sub-Contractors, visitors, third parties and agents aware of the hazards of landfill gas on the site, and shall ensure that they take the necessary precautions.

Due to the fact that this is an active landfill site, vehicles and plant will be operating in many areas, Special care and precautions must be taken where staff have restricted sight as a result of working with their heads below the general surface and in excavations.

10. MEASUREMENT AND PAYMENT

10.1 Basic Principles

Except where separate pay items have been measured in the Bills of Quantities, all costs in respect of complying with the Health and Safety Specification are deemed to be covered by the sum tendered for complying with the Health and Safety Specification.

ANNEXURE A1: Condition Assessment

For

Stellenbosch Municipality



STELLENBOSCH
STELLENBOSCH • PNIEL • FRANSCHHOEK
MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

-Compiled by-



Condition Assessment : Windows and Doors

	Location	Internal/External	Orientation	Tag No	Type Mark	Material	1						Burgular bars Y/N	Maintenance Required Y/N	Burgular Bars to be replaced Y/N
							2								
							3								
							4								
							5								
							Condition rating 1-5	Comment							
Exterior Windows															
GENERAL NOTE: Inspect all windows for damage (window frames, window glass panes and ironmongery). Where applicable, Service/Repair hinges for ease of opening; replace if broken. Service/Repair window handles and stays where applicable; replace if broken. Replace all perished rubber gaskets. Where applicable, clean window panes & window frames from paint and debris. Replace broken/damaged window panes with similar.															
1	North Elevation Main Building	External	North	1	EW1	Steel		Windows need maintenance and to be serviced.					Y	N	N
2	North Elevation Main Building	External	North	2	EW2	Steel		Windows need maintenance and to be serviced.					Y	N	N
3	North Elevation Main Building	External	North	3	EW2	Steel		Windows need maintenance and to be serviced.					Y	N	N
4	North Elevation Main Building	External	North	4	EW2	Steel		Windows need maintenance and to be serviced.					Y	N	N
5	North Elevation Main Building	External	North	5	EW10	Steel		Windows need maintenance and to be serviced.					N	N	N
6	Eastern Elevation Main Building	External	East	6	EW1	Steel		Windows need maintenance and to be serviced.					Y	N	N
7	Eastern Elevation Main Building	External	East	7	EW1	Steel		Windows need maintenance and to be serviced.					Y	N	N
8	South Elevation Main Building	External	South	8	EW3	Steel		Windows need maintenance and to be serviced.					Y	N	N

9	South Elevation Main Building	External	South	9	EW3	Steel		Windows need maintenance and to be serviced.	Y	N	N
10	South Elevation Main Building	External	South	10	EW4	Steel		Windows need maintenance and to be serviced.	Y	N	N
11	East Elevation Garage/ Boardroom	External	East	11	EW9	Aluminium		Window glass is cracked and needs to be replaced.	N	Y	N
12	South Elevation Garage/ Boardroom	External	South	12	EW8	Steel		Windows need maintenance and to be serviced.	Y	N	N
13	South Elevation Garage/ Boardroom	External	South	13	EW6	Steel		Windows need maintenance and to be serviced.	Y	N	N
14	South Elevation Garage/ Boardroom	External	South	14	EW7	Steel		Windows need maintenance and to be serviced.	Y	N	N
15	West Elevation Garage/ Boardroom	External	West	15	EW5	Steel		Windows need maintenance and to be serviced.	Y	N	N

Doors

GENERAL NOTE: Inspect all doors for damage (door leafs, door frames and ironmongery). Where applicable, Service/Repair door locks, handles, bolts, rebates & hinges for normal functioning; replace if broken. Repair door leaf and door frame where applicable; replace with similar if repair is unviable.

3	Foyer	Internal	-	-	ED1	Timber		-	N	-
4	Foyer/Office 5	Internal	-	-	ED2	Timber		-	N	-
5	Office 5/ Passage	Internal	-	-	ED2	Timber		-	N	-
	Office 5	Internal	-	-	ED9	Steel			N	
6	Passage/ Office 3	Internal	-	-	ED2	Timber		-	N	-
7	Passage/ Office 2	Internal	-	-	ED2	Timber		-	N	-
8	Passage/ Office 1	Internal	-	-	ED2	Timber		-	N	-
9	Passage/ Female Staff Ablutions	Internal	-	-	ED2	Timber		-	N	-
10	Passage/ Male Staff Ablutions	Internal	-	-	ED2	Timber		-	N	-
11	Passage/ Office 4	Internal	-	-	ED2	Timber		-	N	-

12	Passage/ Kitchen	Internal	-	-	ED2	Timber			-	N	-
13	Kitchen/ Reception	Internal	-	-	ED2	Timber			-	N	-
14	Kitchen	Internal	-	-	ED2	Timber			-	N	-
15	Boardroom	Internal	-	-	ED2	Timber			-	N	-
16	Boardroom	Exterior	-	-	ED2	Aluminium			-	N	-
17	Boardroom/ Office 6	Internal	-	-	ED2	Timber			-	N	-
18	Office 6/ Toilet	Internal	-	-	ED2	Timber			-	N	-
19	Outside Toilet	Internal	-	-	ED3	Timber			-	N	-

Exterior Security Gates

GENERAL NOTE: Inspect all security gates for damage (leafs, frames and ironmongery). Where applicable, Service/Repair locks, bolts & hinges for normal functioning; replace if broken. Repair gate and frame where applicable; replace with similar if repair is unviable.

1	East Elevation	External	East	1	EG1	Timber		Maintenance is necessary for the gate	-	Y	-
2	Boardroom	External	East	1	EG2	Mild steel			-	N	-
3	Boardroom	External	East	1	EG3	Mild steel		Gate is rusting. Needs maintenance.	-	Y	-
4	Main entrance sliding gate	External	East	1	EG4	Mild steel			-	N	-
5	Main entrance side gate	External	East	1	EG5	Mild steel			-	N	-

Interior Security Gates

GENERAL NOTE: Inspect all security gates for damage (leafs, frames and ironmongery). Where applicable, Service/Repair locks, bolts & hinges for normal functioning; replace if broken. Repair gate and frame where applicable; replace with similar if repair is unviable. Where gate keys are missing, replace locks with similar.

4	Foyer/ Reception	Internal	-	1	EG6	Mild steel			-	N	-
5	Reception/ Kitchen	Internal	-	1	EG7	Mild steel			-	N	-

Condition Assessment: General

						1	VERY POOR	
						2	POOR	
						3	FAIR	
						4	GOOD	
						5	EXCELLENT	
						Condition rating 1-5		
Location	Orientation	Tag No	Type Mark	Material	Comment	Maintenance Required Y/N		
Washing Hand Basins								
GENERAL NOTE: Inspect all whb's (basin, taps, prop & wall brackets). Where applicable, service/repair taps for normal functioning; replace with similar if repair is unviable. Provide new plug props complete with beaded metal chain where missing.								
1	Female Staff Ablutions	-	-	whb	Ceramic			N
2	Male Staff Ablutions	-	-	whb	Ceramic			N
3	Toilet	-	-	whb	Ceramic			N
WC's								
GENERAL NOTE: Inspect all WC's (seats, cisterns & cistern covers, flushing handles & flushing mechanisms). Where applicable, service/repair toilet seats, flushing mechanisms and flushing handles for normal functioning; replace with similar if repair is unviable.								
1	Female Staff Ablutions	-	1	wc	Ceramic		Toilet recently fixed	N
2	Male Staff Ablutions	-	2	wc	Ceramic			N
3	Toilet	-	3	wc	Ceramic			N
4	Outside Toilet	-	4	wc	Ceramic			N
Urinals								

GENERAL NOTE: Inspect urinal. Where applicable, service/repair flushing mechanisms for normal functioning; replace with similar if repair is unviable. Refer to relevant Architectural drawings.									
1	Male Staff Ablutions	-	1	ur	Ceramic		-		N
Mirrors									
1	Female Staff Ablutions	-	-	whb	Mirror				N
2	Male Staff Ablutions	-	-	whb	Mirror				N
3	Toilet	-	-	whb	Mirror				N
Sinks									
GENERAL NOTE: Inspect all sinks (including taps & props). Where applicable, Service/Repair taps for normal functioning; replace with similar if repair is unviable.									
1	Kitchen	-	1	s	Stainless steel				N
Floors									
GENERAL NOTE: Inspect all floor finishes to assess damage. Structural Engineer to inspect floors for structural damage. Refer to Finishes Schedule and relevant Architectural drawings.									
1	Office 1	-	-	-	Laminated flooring		Existing floor has water damaged		Y
2	Office 2	-	-	-	Laminated flooring		Existing floor has water damaged		Y
3	Office 3	-	-	-	Laminated flooring		Existing floor has water damaged		Y
4	Office 4	-	-	-	Laminated flooring		Existing floor has water damaged		Y
5	Office 5	-	-	-	Rug		Existing floor is in relatively good condition.		Y
6	Office 6	-	-	-	Melamine		Existing floor is in relatively good condition. Damage at the threshold.		Y
7	Reception	-	-	-	Tile		The tiles are in fair condition. They however do have wear and tear.		N
8	Foyer	-	-	-	Tile		The tiles are in fair condition. They however do have wear and tear. Tiles in the threshold between the foyer and office space 5 is chipped.		Y
9	Kitchen	-	-	-	Laminated flooring		Existing floor has water damaged		Y
10	Scullary				Melamine				N

11	Passage	-	-	-	Laminated flooring		Existing floor has water damaged	Y
12	Boardroom	-	-	-	Rug		Some of the rug tiles are loose and missing.	Y
13	Toilet	-	-	-	Melamine			N
14	Outside toilet	-	-	-	Concrete		Floor is unfinished	N
15	Female Staff Ablutions	-	-	-	Melamine			N
16	Male Staff Ablutions	-	-	-	Melamine			N

Ceilings

GENERAL NOTE: . Refer to Finishes Schedule, Paint Schedule and relevant Architectural drawings.

1	Office 1	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
2	Office 2	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
3	Office 3	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
4	Office 4	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
5	Office 5	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
6	Office 6	-	-	-	Plasterboard Ceiling			N
7	Reception	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
8	Foyer	-	-	-	Plasterboard Ceiling			N
9	Kitchen	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
10	Scullary				Styrofoam Exposed Grid Ceiling Tiles			N
11	Passage	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
12	Boardroom	-	-	-	Styrofoam Exposed Grid Ceiling Tiles		The suspension T-system needs maintenance.	Y
13	Toilet	-	-	-	Plasterboard Ceiling			N

14	Outside toilet	-	-	-	Plasterboard Ceiling			N
15	Female Staff Ablutions	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N
16	Male Staff Ablutions	-	-	-	Styrofoam Exposed Grid Ceiling Tiles			N

Exterior Walls

GENERAL NOTE: All walls, plaster cracks, and holes in walls are to be repaired and painted. Make good around soil and waste pipe penetrations in walls. Refer Paint Schedule, Finishes Schedule and relevant Architectural drawings.

1	Main Building North Façade	North	-	-	Painted Plastered Masonry Wall with brick plinth		Exterior walls need to be repainted	Y
2	Main Building South Façade	South	-	-	Painted Plastered Masonry Wall with brick plinth		The exterior walls need to be repainted. Holes in the wall to be replastered.	Y
3	Main Building East Façade	East	-	-	Painted Plastered Masonry Wall with brick plinth		The exterior walls need to be repainted. The gabel wall is to be refinished.	Y
4	Main Building West Façade	West	-	-	Painted Plastered Masonry Wall with brick plinth		The exterior walls need to be repainted. The gabel wall is to be refinished.	Y
5	Garage/Boardroom North Façade	North	-	-	Painted Plastered Masonry Wall with brick plinth		The exterior walls need to be repainted. Damage to the wall to be replastered.	Y
6	Garage/Boardroom South Façade	South	-	-	Painted Plastered Masonry Wall with brick plinth		Exterior walls need to be repainted	Y
7	Garage/Boardroom East Façade	East	-	-	Painted Plastered Masonry Wall		Exterior walls need to be repainted	Y
8	Garage/Boardroom West Façade	West	-	-	Painted Plastered Masonry Wall with brick plinth		Exterior walls need to be repainted	Y

Interior Walls

GENERAL NOTE: Refer Paint Schedule, Finishes Schedule and relevant Architectural drawings.

5	Office 1	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted. The door leaf cracked by a timber spacer installed between the jamb and wall.	Y
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6	Office 2	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted. The door leaf cracked by a timber spacer installed between the jamb and wall.	Y
7	Office 3	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted. The door leaf cracked by a timber spacer installed between the jamb and wall.	Y
8	Office 4	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
9	Office 5	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
10	Office 6	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
11	Reception	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
12	Foyer	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
13	Kitchen	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
14	Scullary	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
15	Passage	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
16	Boardroom	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
17	Toilet	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
18	Outside toilet	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
19	Female Staff Ablutions	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y
20	Male Staff Ablutions	-	-	-	Painted Plastered Masonry Wall		Interior walls to be painted.	Y

Skirtings

Priority

GENERAL NOTE: Remove all timber skirtings and install new timber skirtings. New timber skirtings to be painted. Refer to Paint Schedule, Finishes Schedule and relevant Architectural drawings.

1	Office 1	-	-	-	Timber		Skirting in relative good condition	N
2	Office 2	-	-	-	Timber		Skirting in relative good condition	N
3	Office 3	-	-	-	Timber		Skirting in relative good condition	N
4	Office 4	-	-	-	Timber		Skirting in relative good condition	N
5	Office 5	-	-	-	Timber		Skirting in relative good condition	N
6	Office 6	-	-	-	Timber		Skirting in relative good condition	N
7	Reception	-	-	-	Timber		Skirting in relative good condition	N
8	Foyer	-	-	-	Timber		Skirting in relative good condition	N
9	Kitchen	-	-	-	Timber		Skirting in relative good condition	N
10	Passage	-	-	-	Timber		Skirting in relative good condition	N
11	Boardroom	-	-	-	Timber	-	Skirting in relative good condition	-

12	Toilet	-	-	-	Timber		Skirting in relative good condition	N
13	Outside toilet	-	-	-	-			N
14	Female Staff Ablutions	-	-	-	Melamine		Skirting in relative good condition	N
15	Male Staff Ablutions	-	-	-	Melamine		Skirting in relative good condition	N

Cornice

Priority

GENERAL NOTE: Remove all existing cornices and install new cornices. Refer to Finishes Schedule and relevant Architectural drawings.

1	Office 1	-	-	-	Plaster		Cornice in relative good condition	N
2	Office 2	-	-	-	Plaster		Cornice in relative good condition	N
3	Office 3	-	-	-	Plaster		Cornice in relative good condition	N
4	Office 4	-	-	-	Plaster		Cornice in relative good condition	N
5	Office 5	-	-	-	Plaster			N
6	Office 6	-	-	-	Plaster		Cornice in relative good condition	N
7	Reception	-	-	-	Plaster			N
8	Foyer	-	-	-	Plaster		Cornice in relative good condition	N
9	Kitchen	-	-	-	Plaster		Cornice in relative good condition	N
10	Scullary	-	-	-	Plaster		Cornice in relative good condition	N
11	Passage	-	-	-	Plaster		Cornice in relative good condition	N
12	Boardroom	-	-	-	Plaster		Damaged where server is installed.	Y
13	Toilet	-	-	-	Plaster		Cornice in relative good condition	N
14	Outside toilet	-	-	-	Plaster		Cornice in relative good condition	N
15	Female Staff Ablutions	-	-	-	Plaster		Cornice in relative good condition	N
16	Male Staff Ablutions	-	-	-	Plaster		Cornice in relative good condition	N

Roof

Priority

GENERAL NOTE: Existing roof material determined to be Asbestos. The existing Main building and Garage/boardroom roof, facias, gutters, downpipes & rainwater heads are to be replaced; all as per the Structural engineer's details & spec. Refer to the Finishes Schedule and relevant Architectural drawings.

1	Main building roof	-	-	-	Asbestos		Existing roof to be removed.	Y
2	Garage/ Boardroom	-	-	-	Asbestos		Existing roof to be removed.	Y

Gutters & Downpipes									
Priority									
GENERAL NOTE: Existing gutters and downpipe material determined to be Asbestos. The existing Main building and Garage/boardroom gutters and downpipes are to be replaced. Refer to the Finishes Schedule and relevant Architectural drawings.									
1	Main building roof	-	-	-	Asbestos		Existing roof to be removed.		Y
2	Garage/ Boardroom	-	-	-	Asbestos		Existing PVC gutters to be removed and replaces with new aluminium gutters.		Y
Fascia's									
Priority									
GENERAL NOTE: Existing facias material determined to be Asbestos. The existing Main building and Garage/boardroom facias are to be replaced. Refer to the Finishes Schedule and relevant Architectural drawings.									
1	Main building roof	-	-	-	-		Fascias have severe water damage.		Y
2	Garage/ Boardroom	-	-	-	Ribre Cement		Fascias have severe water damage.		Y
Lights									
Priority									
GENERAL NOTE: Electrical Engineer to assess the condition of the existing electrical installation; including (but not limited to) electrical fixtures, connections and DB boards. Refer to Finishes Schedule and relevant Architectural drawings.									
1	North Façade	-	-	-	-				N
2	South Façade	-	-	-	-				N
3	East Façade	-	-	-	-				N
4	West Façade	-	-	-	-				N
5	Ofiice 1	-	-	-	-				N
6	Office 2	-	-	-	-				N
7	Office 3	-	-	-	-				N
8	Office 4	-	-	-	-				N
9	Office 5	-	-	-	-				N
10	Office 6	-	-	-	-				N
11	Reception	-	-	-	-				N
12	Foyer	-	-	-	-				N
13	Kitchen	-	-	-	-				N

14	Passage	-	-	-	-			N
15	Boardroom	-	-	-	-			N
16	Toilet	-	-	-	-			N
17	Outside toilet	-	-	-	-			N
18	Female Staff Ablutions	-	-	-	-			N
19	Male Staff Ablutions	-	-	-	-			N

Fire Extinguishers

Priority

GENERAL NOTE: Inspect all fire extinguishers and assure that inspection is up to date.

1	Foyer	-	-	FE	-		Extinguisher need to be inspected	Y
2	Passage	-	-	FE	-		Extinguisher need to be inspected	Y
3	Boardroom	-	-	FE	-		Extinguisher need to be inspected	Y

Stormwater

Priority

GENERAL NOTE: No stormwater drainage was observed on site.

1	Main building roof	-	-	swcp	-		No existing stormwater system	-
2	Garage/ Boardroom	-	-	swcp	-		No existing stormwater system	-

Drainage

Priority

GENERAL NOTE: Inspect all rodding and inspection eye covers for damage and replace with similar.

1	Exterior of building	-	-	RE	PVC		Some rodding eye covers are broken and should be replaced with similar.	Y
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ANNEXURE A2: Architect's Drawings & Details

For

Stellenbosch Municipality



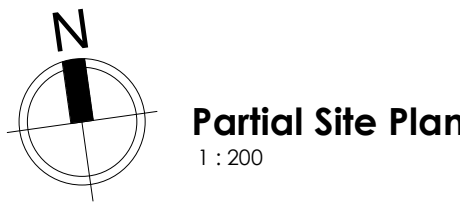
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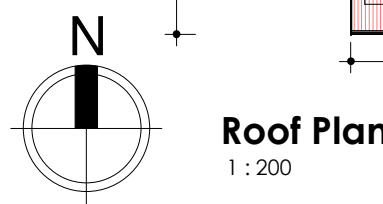
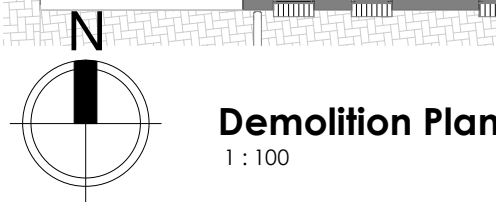
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Roof Legend



Occupancy	Natural/ Artificial Ventilation	Window opening Areas (> 5% floor area)		
G1 OFFICE	Natural	Calculation:	Net/floor area = 189 sqm	Window opening area's = 21.644sqm
		21.644 sqm window opening area / 189sqm Net floor area = 11.45%		

[illegible]

NOTES:

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**Proposed Additions, Alterations
& Refurbishment for Stellenbosch
Municipality on Erf RE/194,
Stellenbosch**

CLIENT

Stellenbosch Municipality



DRAWING TITLE
SITE PLANS, ROOF PLAN & DEMOLITION PLAN

DRAWING STATUS	
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FOR CONSTRUCTION

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G.F	As indicated	2024/07/12	
CHECKED BY	PROJECT NO.	DRAWING NO.	Page Size
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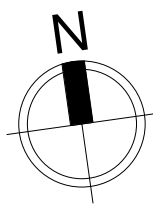
CLIENT

Stellenbosch Municipality

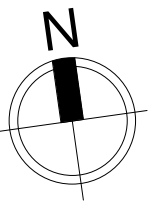


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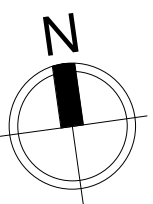
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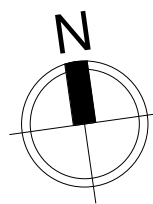
1 : 100



1 : 100

Remove existing ceiling and install Rhinolite® 125mm thick to Gyproc® UltraSteel® Branding spaced at 600mm centres clipped onto Gyproc Suspension Brackets. Gyproc® UltraSteel® Branding suspended using Gyproc Suspension Bracket at 1200mm c/c. Gyproc Rhinolite® to all joints and internal corners. Install Gyproc® Corner Bead to all external corners. Cover Gyproc Rhinolite® with 1 layer of Gyproc Rhinolite® Creststone®. Wall Angle - Fix Gyproc Rhinolite Cover Cornice™ 75mm.

Remove existing ceiling - install fibre MINERAL™ A acoustic ceiling tiles (Size: 1200mm x 600mm. Thickness: 15mm) into the framework. Install Gyproc® D38R Main Tees at 1200mm centres. Suspend Main Tees using Gyproc Hanger held to Main Tee. Wall Hangers to be at maximum 400mm from perimeter wall. Install Gyproc® D38R Cross Tees at 600mm c/c to create a 1200mm x 600mm ceiling grid. Perimeter - Fix Gyproc Wall Angle along the wall using fixings at 300mm centres. Fix Main Tee's to the wall using Gyproc Angle Cleats to ensure straight grid and stability.

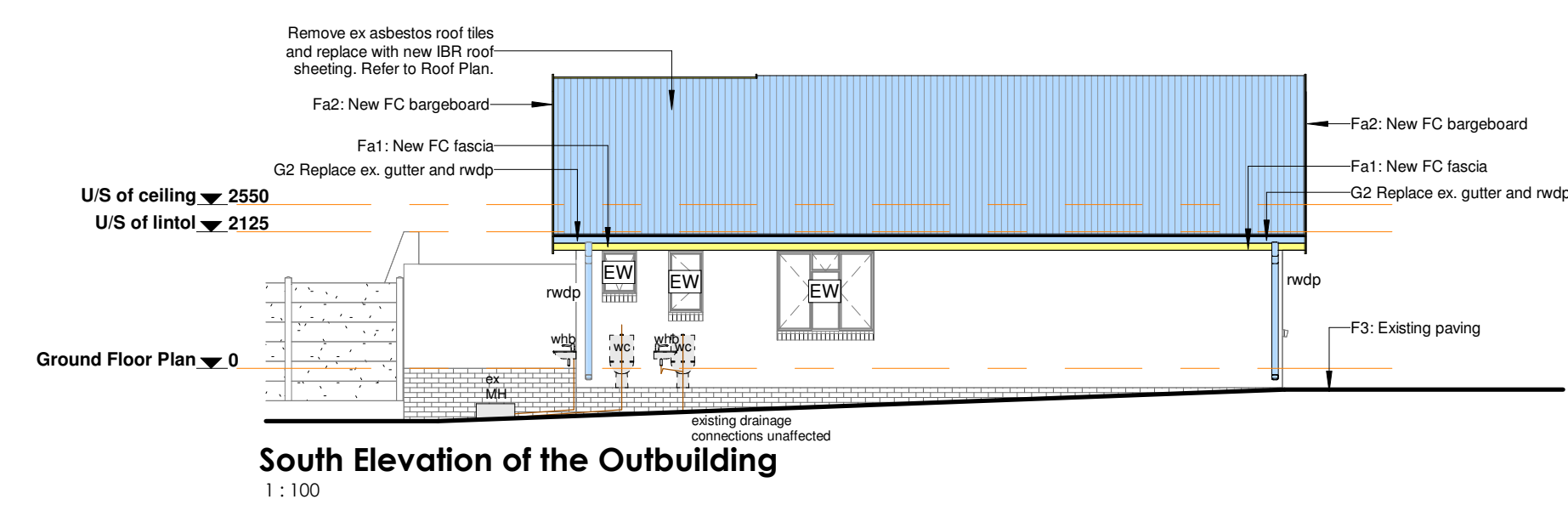
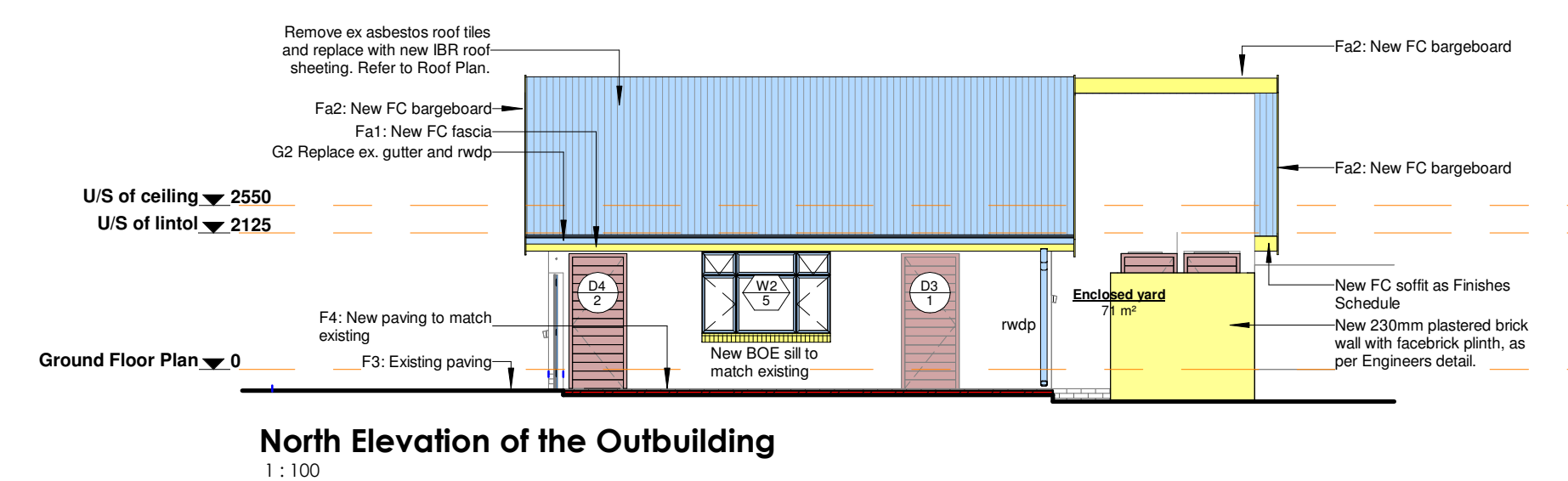
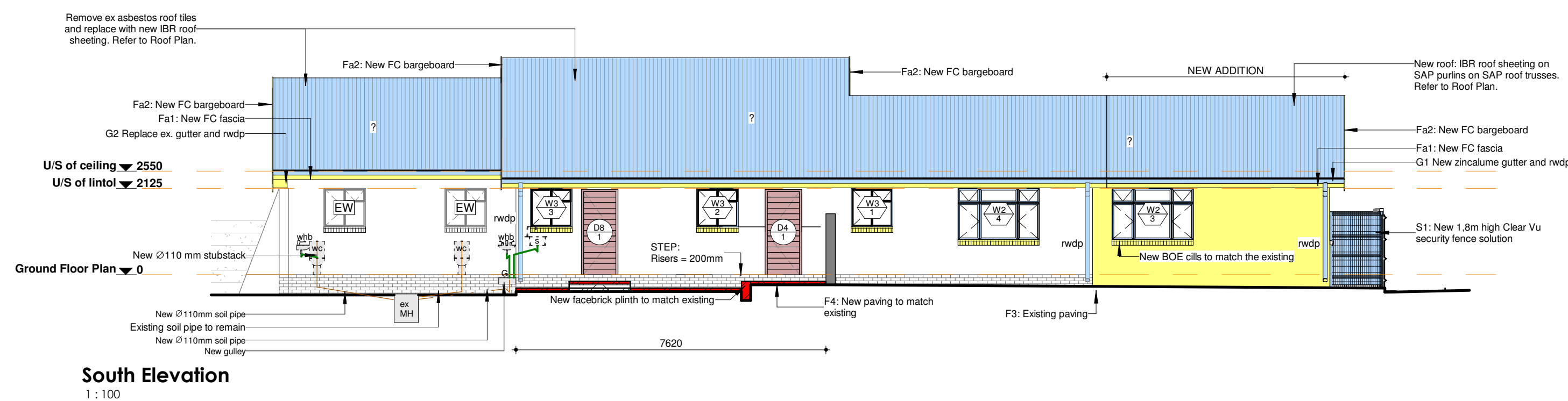


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PROJECT TITLE

Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch

CLIENT

Stellenbosch Municipality



DRAWING TITLE

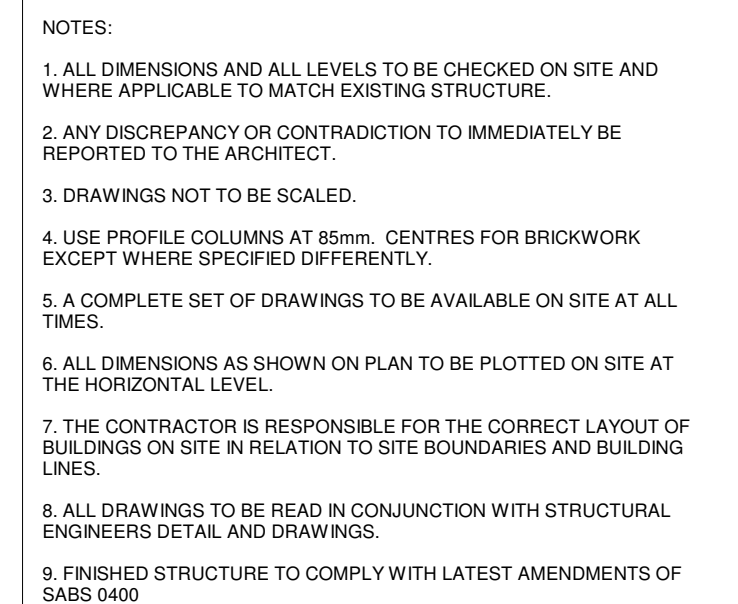
Elevations

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**Proposed Additions, Alterations
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Stellenbosch**

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Stellenbosch Municipality



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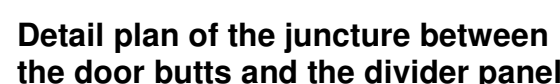
Joinery - Kitchen & Reception Details

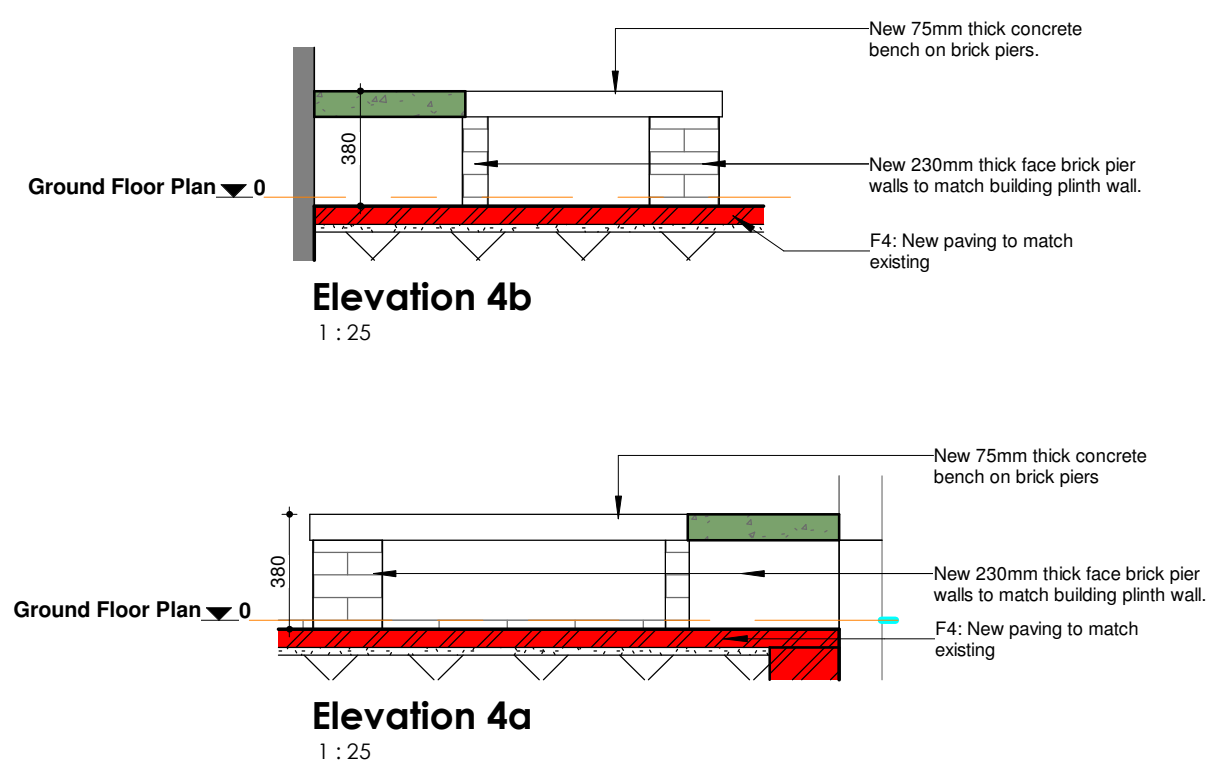
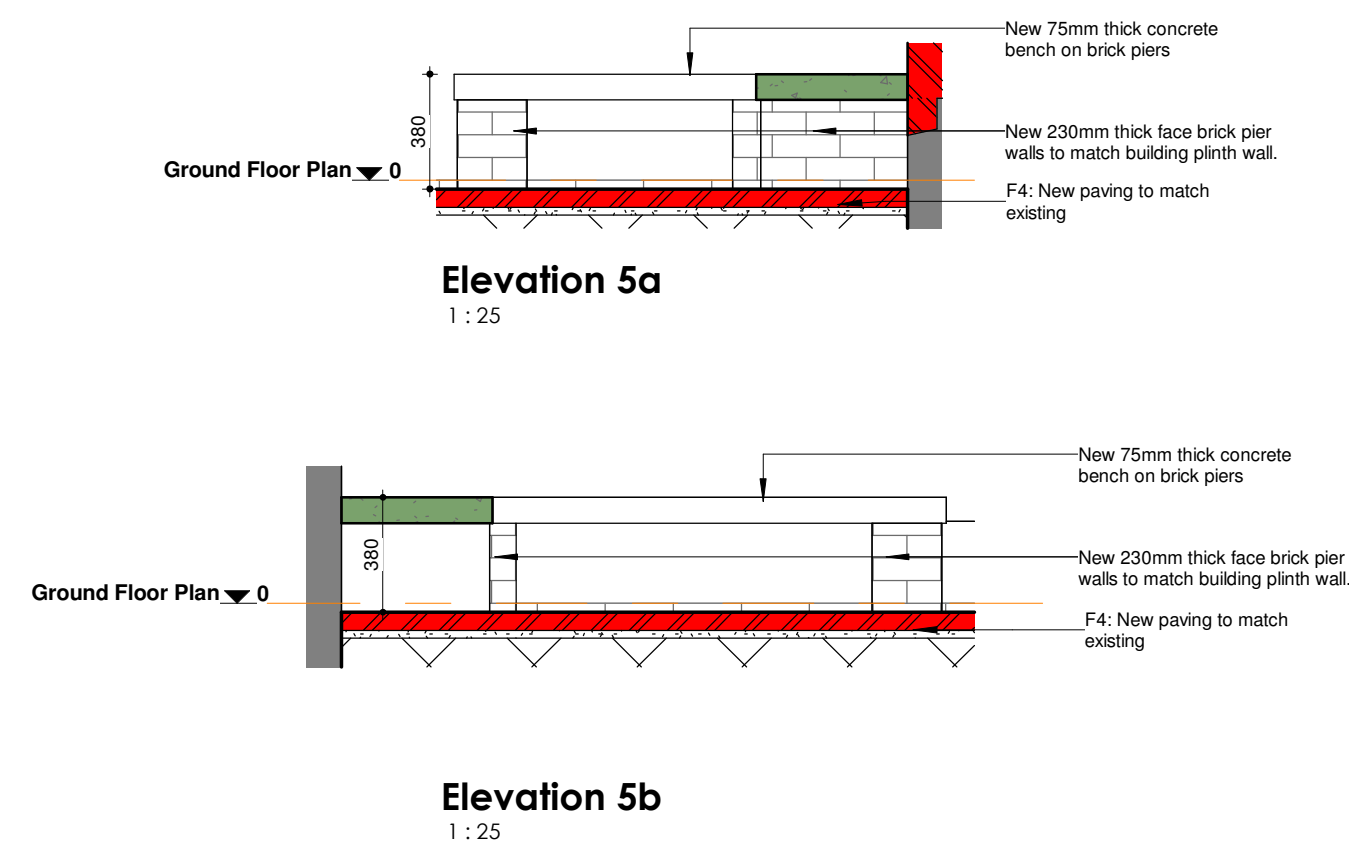
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Stellenbosch**

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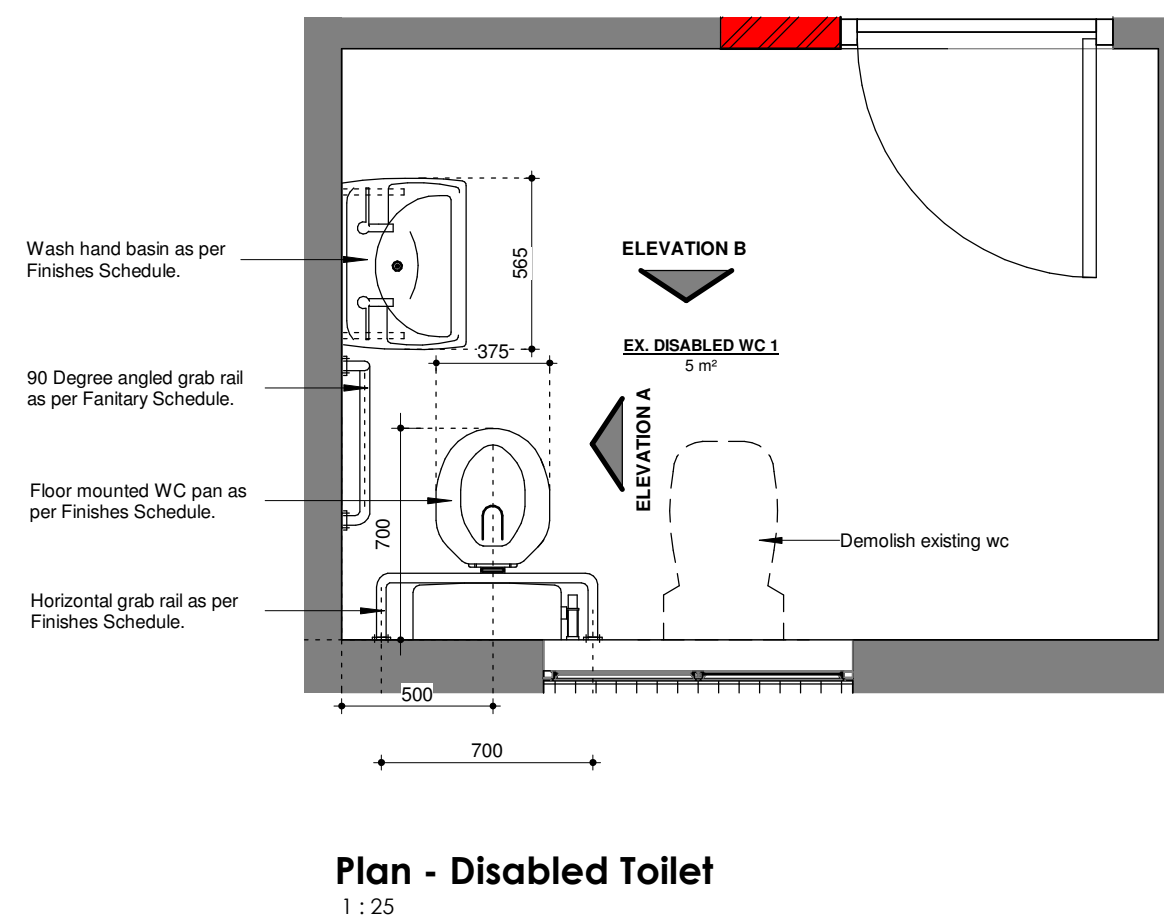
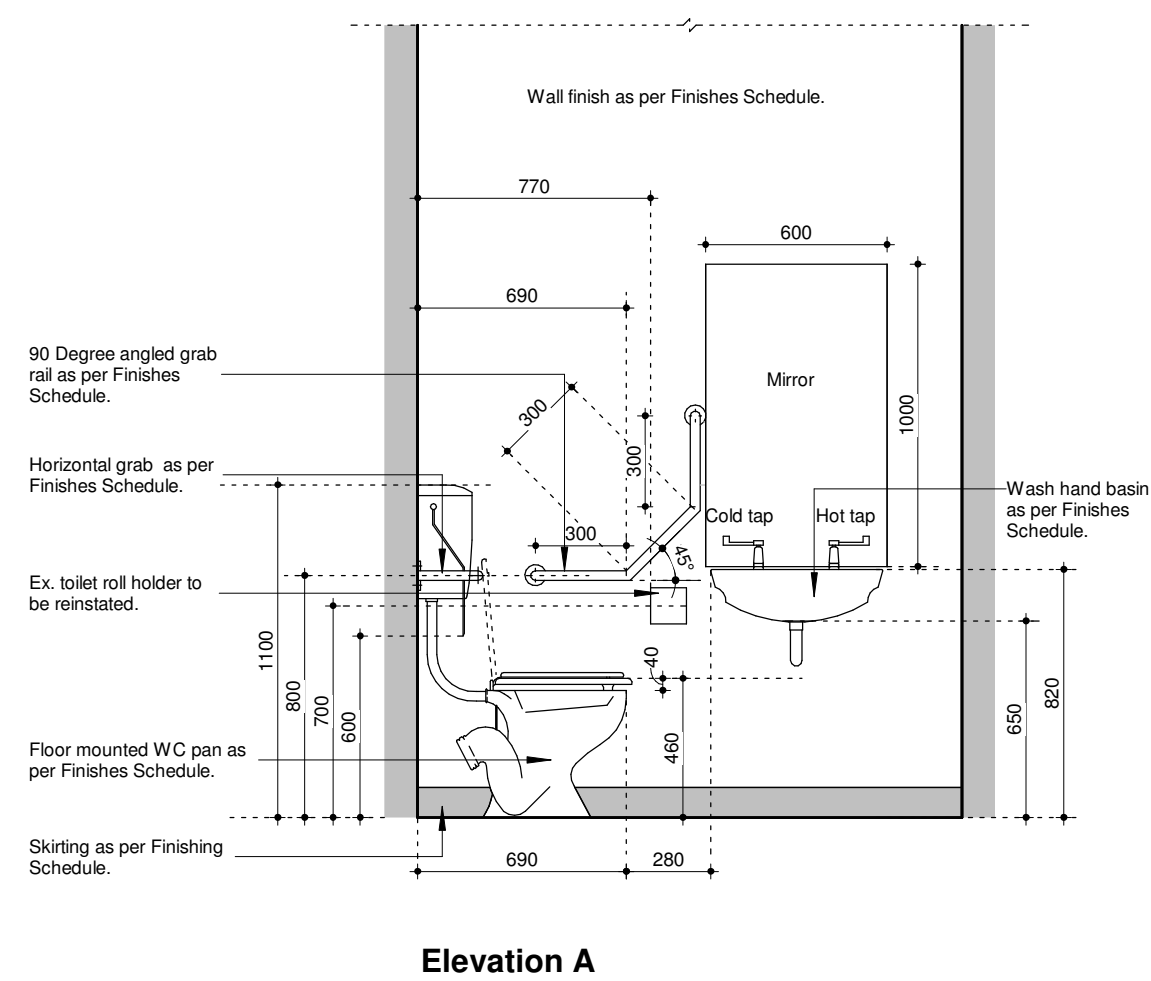
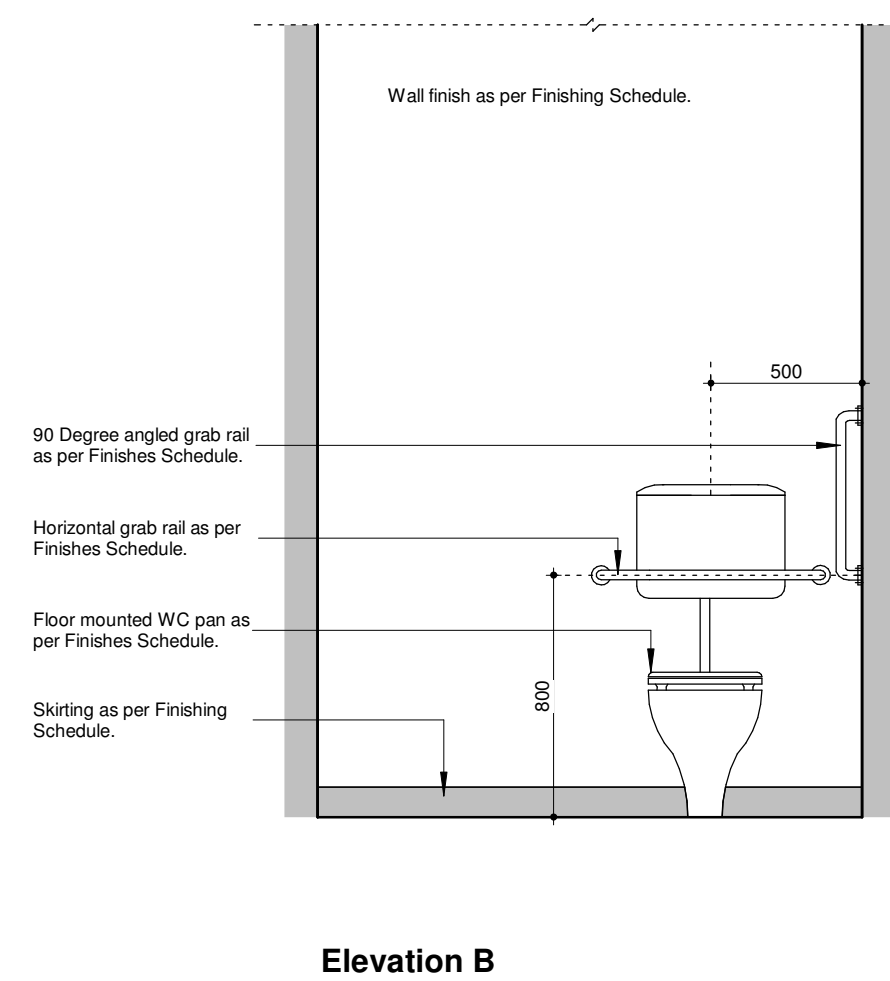
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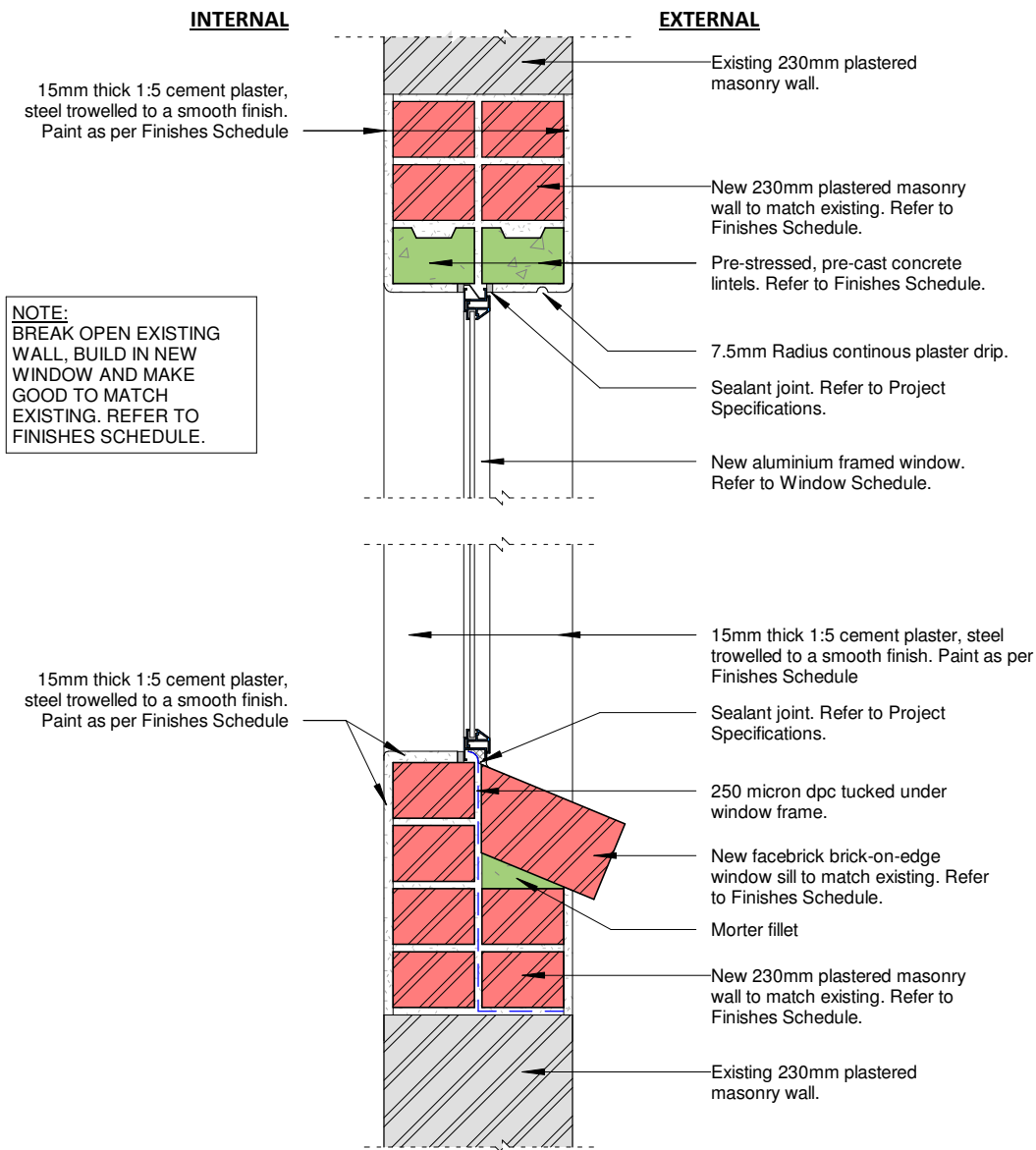
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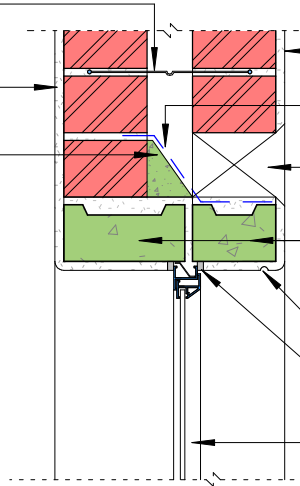


INTERNAL

Wall ties ≥ 9 per m^2 . Brick force every 3rd course and for five courses above lintels. Refer to SE detail & spec. and Finishes Schedule.

15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule

Mortar fillet to accomodate stepped DPC



EXTERNAL

15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule

Stepped DPC: 250 μ DPC waterproofing membrane.

Weepholes every 600mm with 250 μ m stepped DPC waterproofing membrane across cavity.

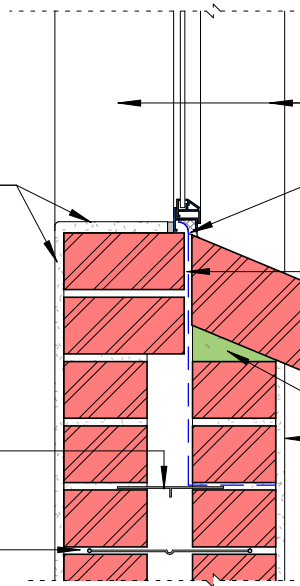
Pre-stressed, pre-cast concrete lintels. Refer to Finishes Schedule.

7.5mm Radius continous plaster drip.

Sealant joint. Refer to Project Specifications.

New aluminium framed window. Refer to Window Schedule.

15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule



15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule

Sealant joint. Refer to Project Specifications.

250 μ DPC waterproofing membrane tucked under window frame.

New facebrick brick-on-edge window sill to match existing. Refer to Finishes Schedule.

Mortar fillet

15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule

Cavity drip/closer.

Wall ties ≥ 9 per m^2 . Brick force every 3rd course and for five courses above lintels. Refer to SE detail & spec. and Finishes Schedule.



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Unit 3, Fairview Office Park |
1st Street | George | 6530

Client:



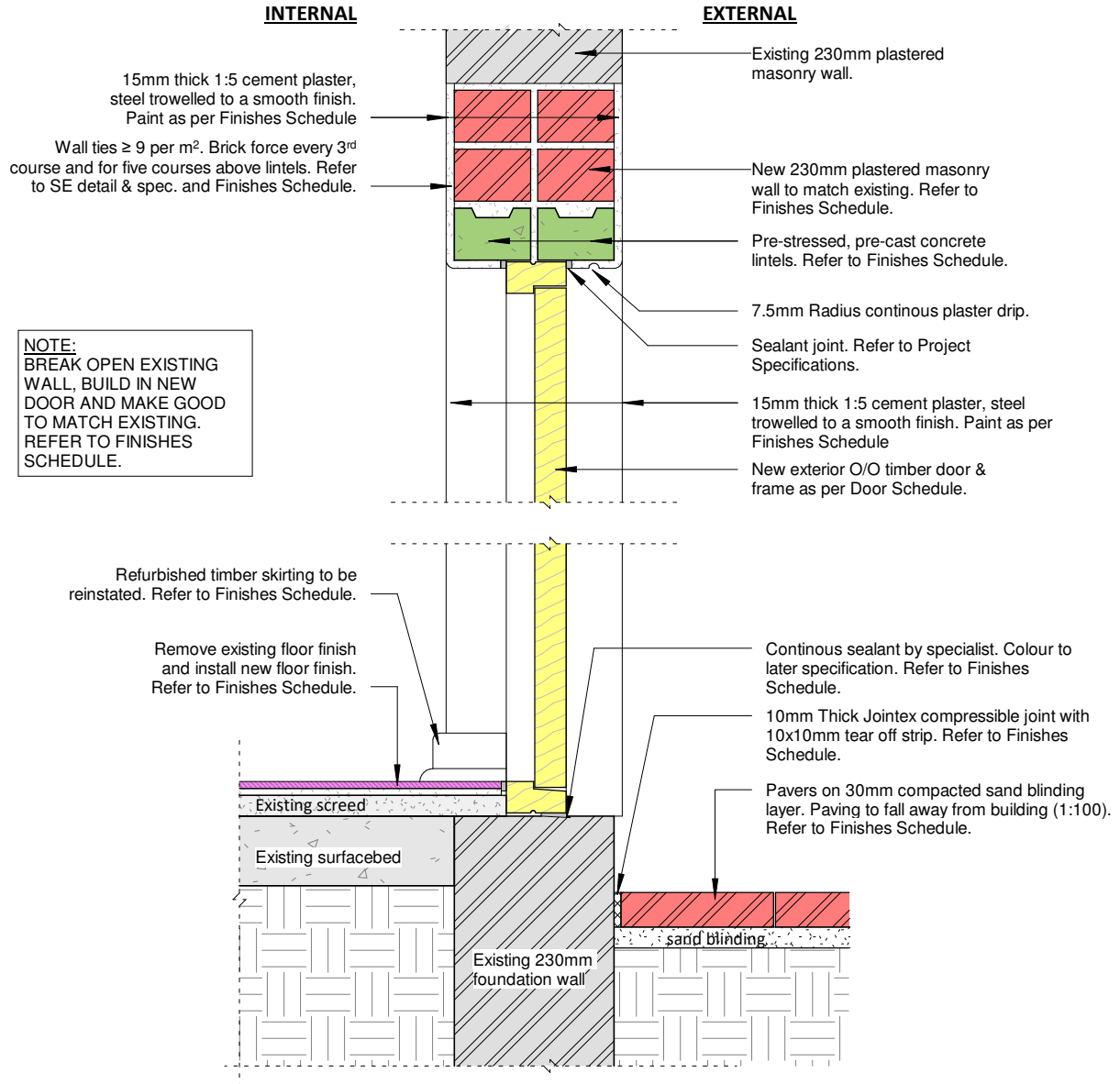
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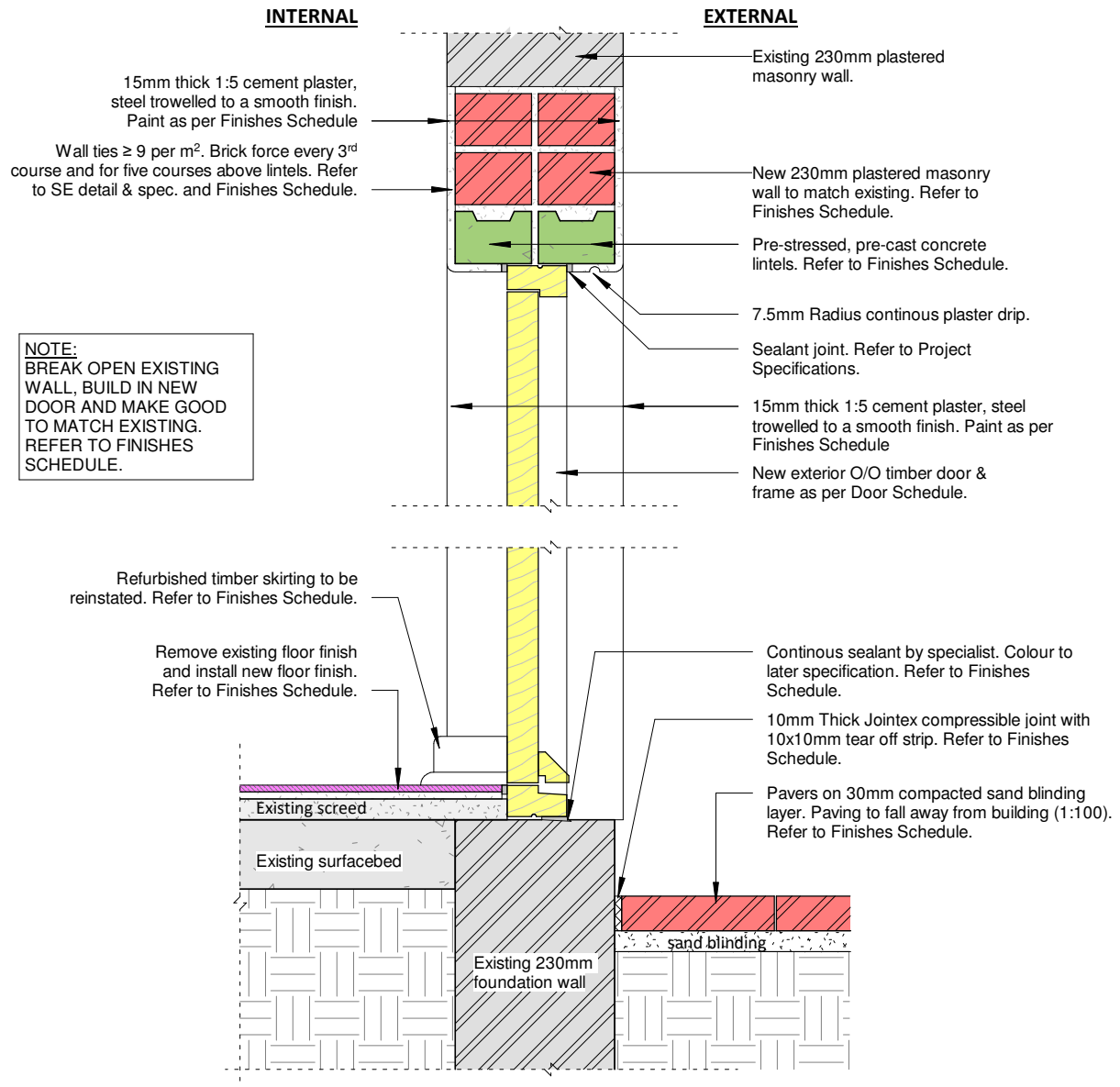
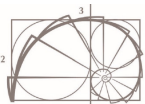
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Project :

Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch

Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:10	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	Window Head & Sill Detail - New 280mm Wall		
Drawing number:	4035-507	Revision:	





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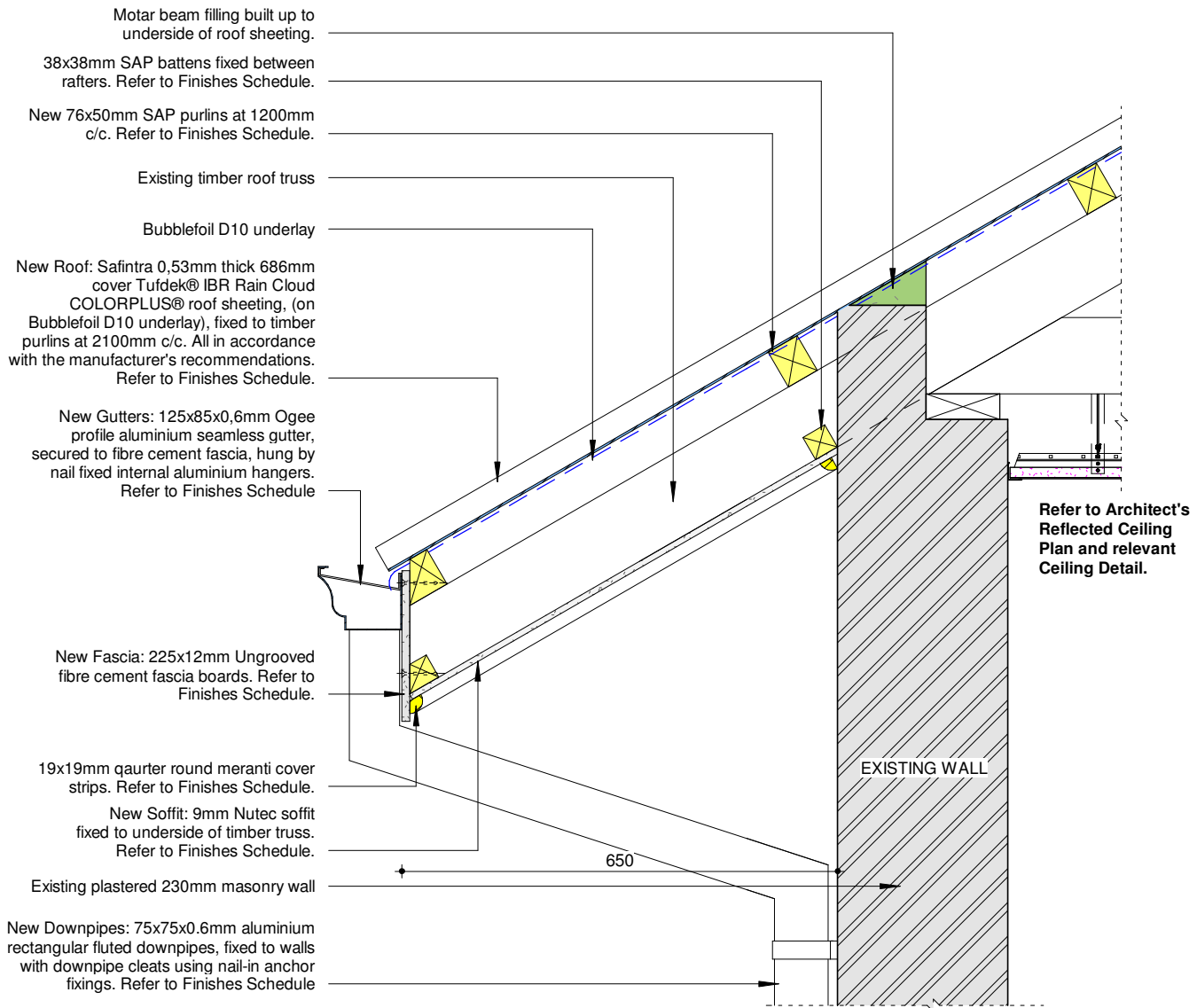
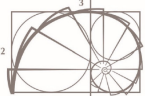
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Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:10	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	O/I Timber Door Head & Sill Detail - Existing 230mm Wall		
Drawing number:	4035-509	Revision:	

NOTE:

All existing roof tiles, roof tile battens, fascia's, barge boards, eave soffits, gutters and downpipes to be removed and replaced. Refer to Finishes Schedule and relevant Architect's drawings and documentation.



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Project :

Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch

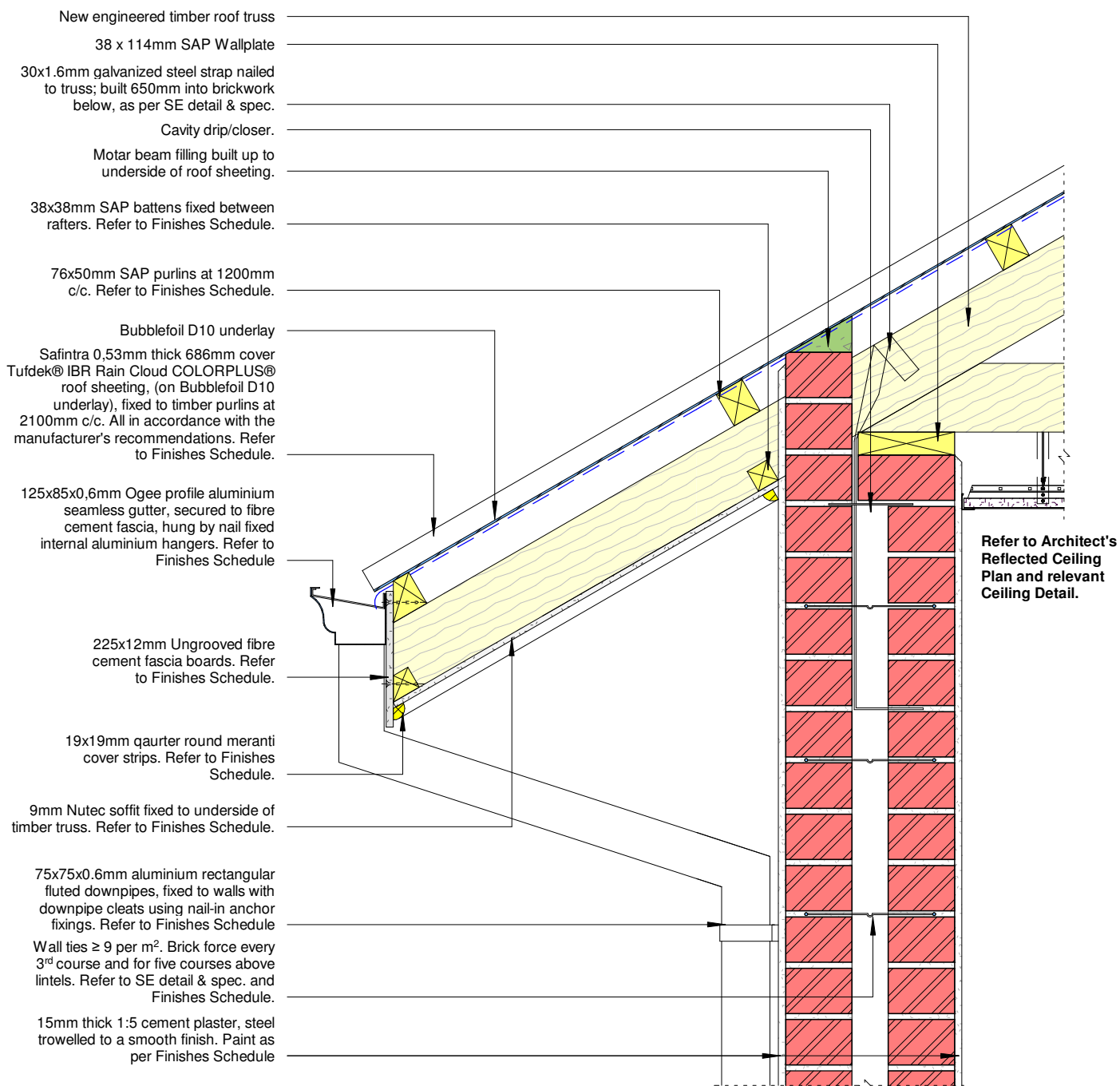
Drawing Status: FOR CONSTRUCTION Designed: I.E

Scale: 1:10 Drawn: G.F

Date: 2024/07/12 Checked: I.E

Drawing name: **Roof Barge Detail - Existing Building**

Drawing number: **4035-510** Revision:



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 Tel 044 020 0151 | Cell 079 489 8454
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Client:



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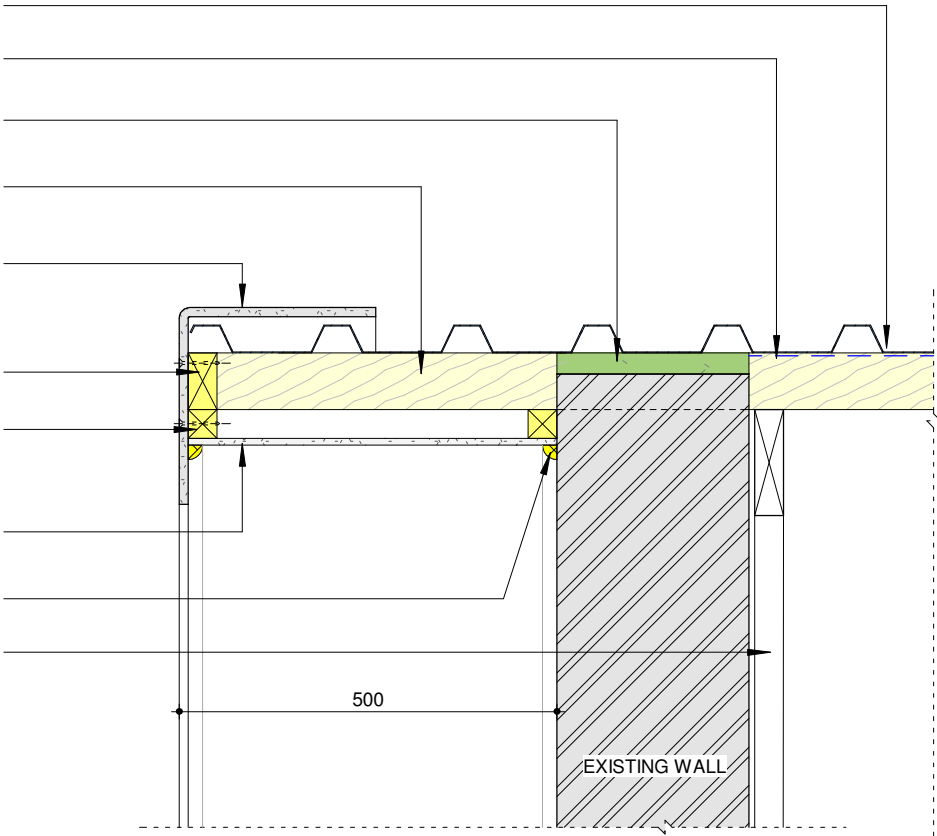
Project : **Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch**

Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:10	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	Roof Eaves Detail - New Extension		
Drawing number:	4035-511	Revision:	

NOTE:
All existing roof tiles, roof tile battens, fascia's, barge boards, eave soffits, gutters and downpipes to be removed and replaced. Refer to Finishes Schedule and relevant Architect's drawings and documentation.

Safintra 0,53mm thick 686mm cover Tufdek® IBR Rain Cloud COLORPLUS® roof sheeting, (on Bubblefoil D10 underlay), fixed to timber purlins at 2100mm c/c. All in accordance with the manufacturer's recommendations. Refer to Finishes Schedule.

- Bubblefoil D10 underlay
- Mortar beam filling built up to underside of roof sheeting.
- 76x50mm SAP purlins at 1200mm c/c. Refer to Finishes Schedule.
- 260x260mm fibre cement barge board fixed to trimmer bannens. Refer to Finishes Schedule.
- 50x76mm barge trimmer batten, fixed to end of purlins.
- 38x38mm SAP battens fixed between rafters. Refer to Finishes Schedule.
- 9mm Nutek soffit fixed to underside of timber truss. Refer to Finishes Schedule.
- 19x19mm qaurter round meranti cover strips. Refer to Finishes Schedule.
- Ex. engineered timber roof truss

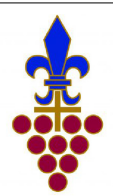




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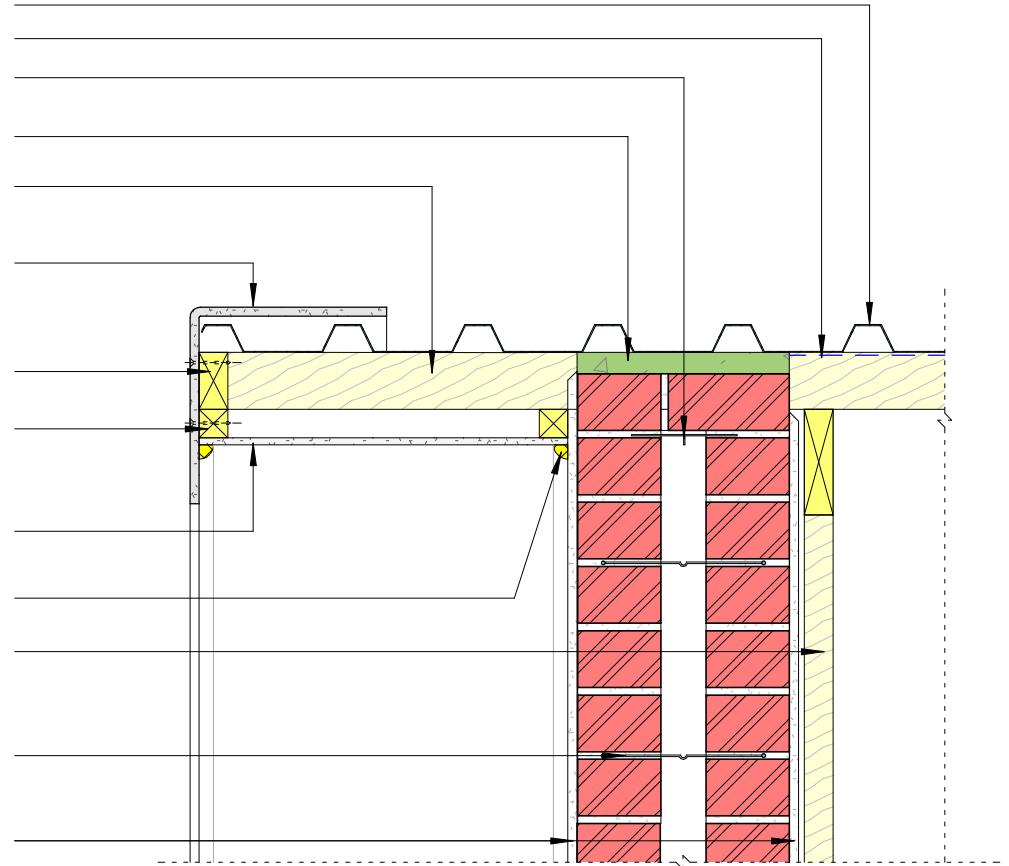
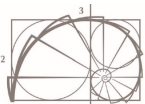


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Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:10	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	Roof Barge Detail - Existing Building		
Drawing number:	4035-512	Revision:	

Safintra 0,53mm thick 686mm cover Tufdek®
IBR Rain Cloud COLORPLUS® roof sheeting,
(on Bubblefoil D10 underlay), fixed to timber
purlins at 2100mm c/c. All in accordance with
the manufacturer's recommendations. Refer to
Finishes Schedule.

- Bubblefoil D10 underlay
- Cavity closer/drip
- Mortar beam filling built up to underside
of roof sheeting.
- 76x50mm SAP purlins at 1200mm
c/c. Refer to Finishes Schedule.
- 260x260mm fibre cement barge board
fixed to trimmer bannens. Refer to
Finishes Schedule.
- 50x76mm barge trimmer
batten, fixed to end of purlins.
- 38x38mm SAP battens fixed between
rafters. Refer to Finishes Schedule.
- 9mm Nutec soffit fixed to underside of
timber truss. Refer to Finishes Schedule.
- 19x19mm gaurter round meranti cover
strips. Refer to Finishes Schedule.
- New engineered timber roof truss
- Wall ties ≥ 9 per m². Brick force every 3rd
course and for five courses above lintels.
Refer to SE detail & spec. and Finishes
Schedule.
- 15mm thick 1:5 cement plaster, steel
trowelled to a smooth finish. Paint as
per Finishes Schedule



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Client:

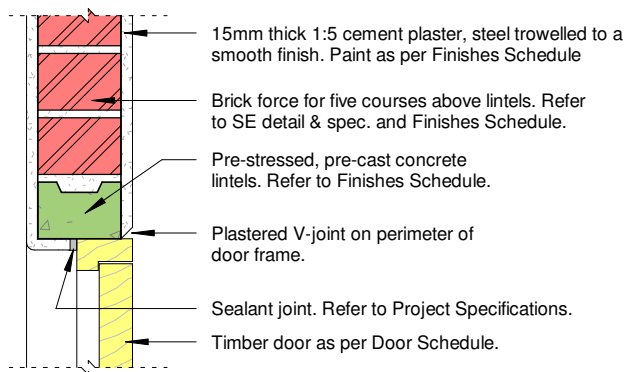
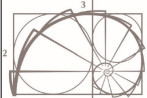


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Project : **Proposed Additions, Alterations & Refurbishment for
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Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:10	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	Roof Barge Detail - New Extension		
Drawing number:	4035-513	Revision:	



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Client:

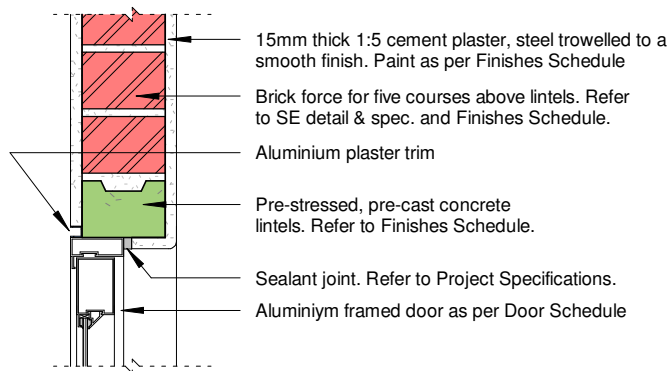
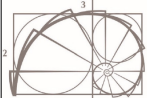


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Project : **Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch**

Drawing Status: FOR CONSTRUCTION	Designed: I.E
Scale: 1:10	Drawn: G.F
Date: 2024/07/12	Checked: I.E
Drawing name:	Door Head - Internal - Timber Frame
Drawing number:	4035-514 Revision:



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Client:

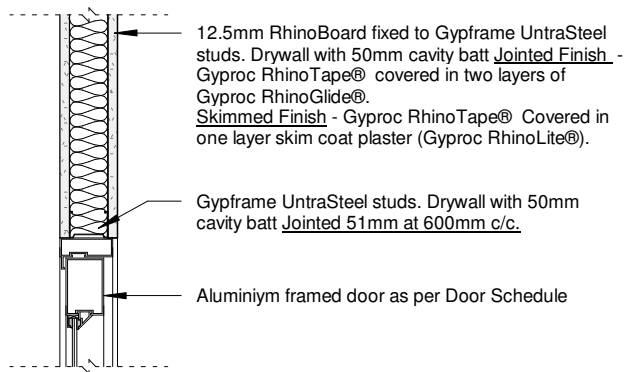


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Project : **Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch**

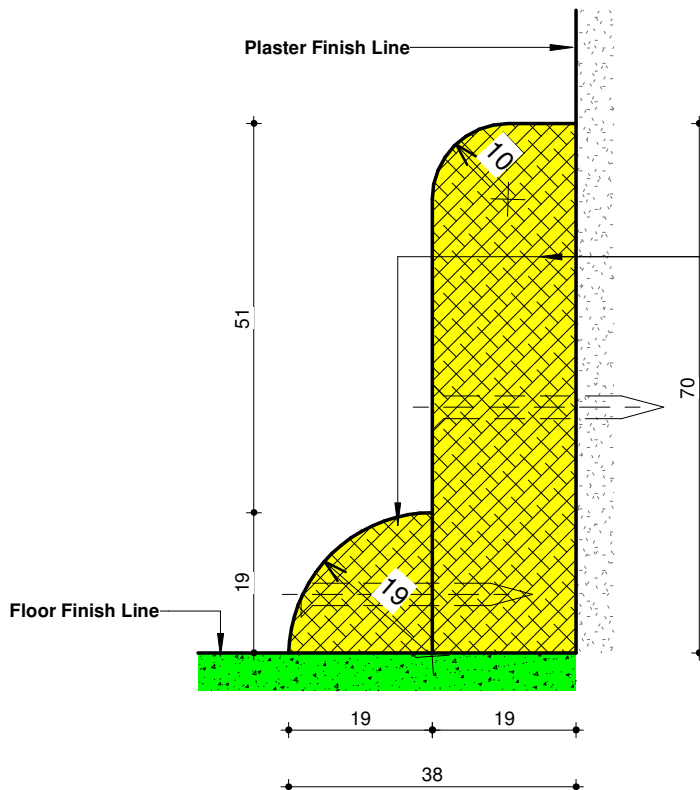
Drawing Status: FOR CONSTRUCTION	Designed: I.E
Scale: 1:10	Drawn: G.F
Date: 2024/07/12	Checked: I.E
Drawing name:	Door Head - Internal - Aluminium Frame
Drawing number:	4035-515 Revision:



NOTE:

All existing skirtings to be removed, refurbished and reinstated. New skirtings to match existing.

Refer to Finishes Schedule and relevant Architect's drawings and documentation.

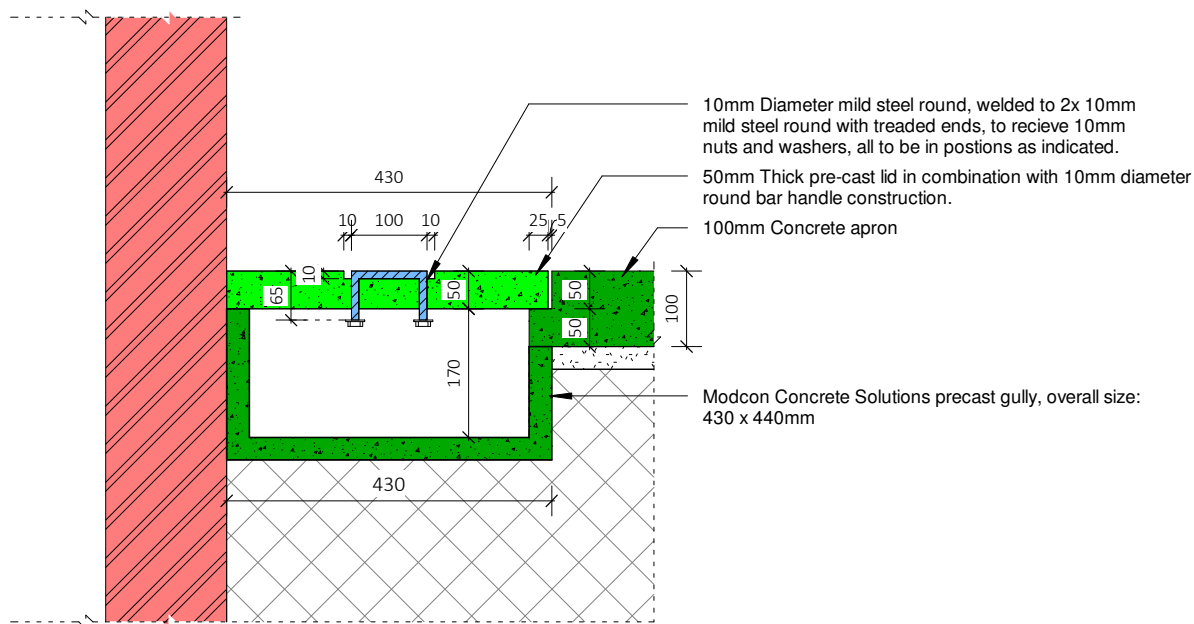
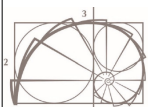


SKIRTING:

19mm x 69mm Selected wrot Meranti skirting, slightly rounded on top leading edge and ploughed on rear face, steel nailed to walls at 600mm centres. The skirting is to have splayed header joints and mitred angles, complete with 19mm quarter round.

Surface to be dry, sound and clean. Wash knots and resinous areas with lacquer thinners and coat with Plascon Woodcare Knot Seal and apply one coat of Plascon Woodcare Pretreatment. Prime with one coat of Wood Primer and finish with two coats of Velvagio Satin of selected colour, sanding lightly between coats.

Note: All nails to be punched, holes and joints filled with wood filler and all sanded flush and smooth prior to painting.



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Project :

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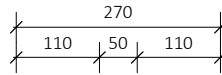
Drawing Status: FOR CONSTRUCTION Designed: I.E

Scale: 1:10 Drawn: G.F

Date: 2024/07/12 Checked: I.E

Drawing name: **Gully Detail**

Drawing number: **4035-518** Revision:



EXTERNAL

INTERNAL

Wall ties ≥ 9 per m^2 . Brick force every course in foundation wall, every course for 5 courses above surface bed, for five courses above lintels and every 3rd course in general. Refer to SE detail & spec. and Finishes Schedule.

15mm thick 1:5 cement plaster, steel trowelled to a smooth finish. Paint as per Finishes Schedule

Weepholes every 600mm with 250 μ m stepped DPC waterproofing membrane across cavity.

Facebrick plinth wall to match existing.

Existing paved surface

Concrete filled cavity as per SE detail & spec.

New skirtings. Refer to Finishes Schedule.

10mm Thick Jointex compressible joint with 10x10mm tear off strip. Refer to Finishes Schedule

Carpet floor finish on ≥ 30 mm screed. Screed thickness to allow for different floor finish thicknesses. Refer to Finishes Schedule.

100mm RC surfacebed on 250 μ m DPM with ≥ 250 mm overlaps (taped), turned up against wall as shown and tugged between brickwork. Surfacebed on 30mm sand blinding layer on compacted layer works. All as per SANS 10400. Refer to Finishes Schedule.

screed

surfacebed

DPM

sand blinding

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

layer works

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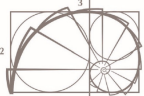
layer works

layer works

concrete filled cavity

RC foundation as per SE

Concrete strip foundation as per SANS 10400.



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Project :

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Drawing Status: FOR CONSTRUCTION

Designed: I.E

Scale: 1:10

Drawn: G.F

Date: 2024/07/12

Checked: I.E

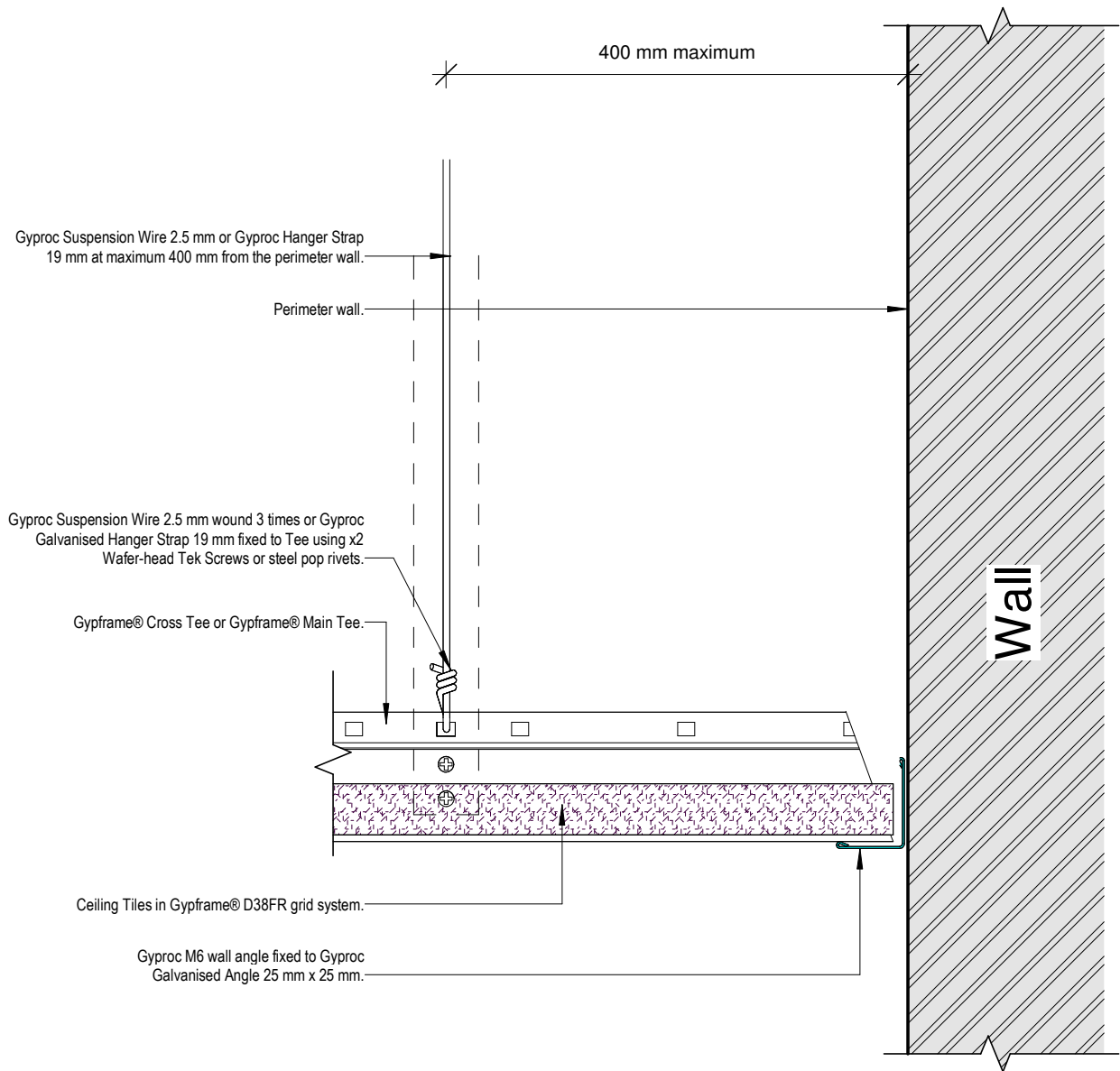
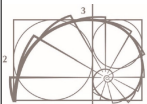
Drawing name:

New Extension Foundation Wall

Drawing number:

4035-519

Revision:



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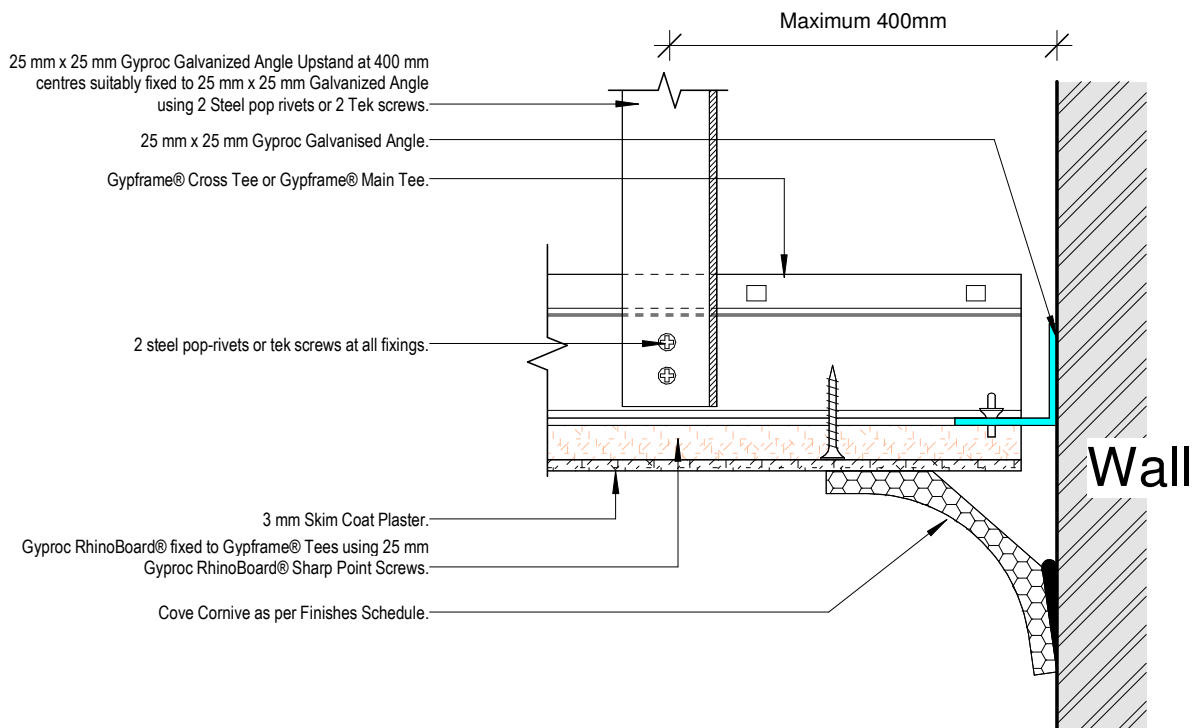
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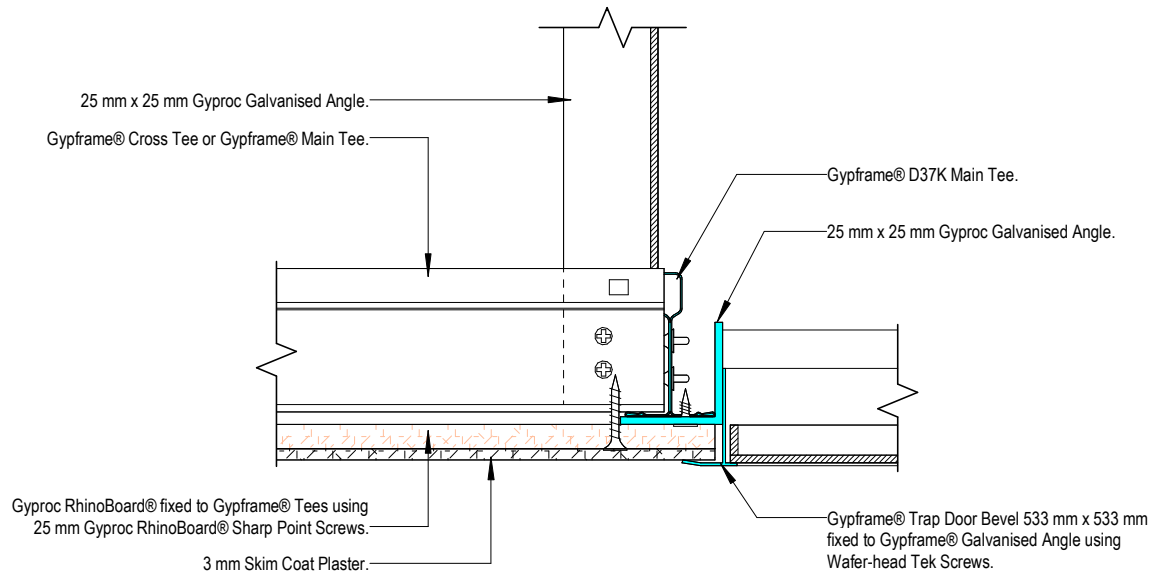
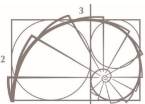
Scale: **1:2** Drawn: **G.F**

Date: **2024/07/12** Checked: **I.E**

Drawing name: **Suspended Tile Ceiling Detail**

Drawing number: **4035-520** Revision:





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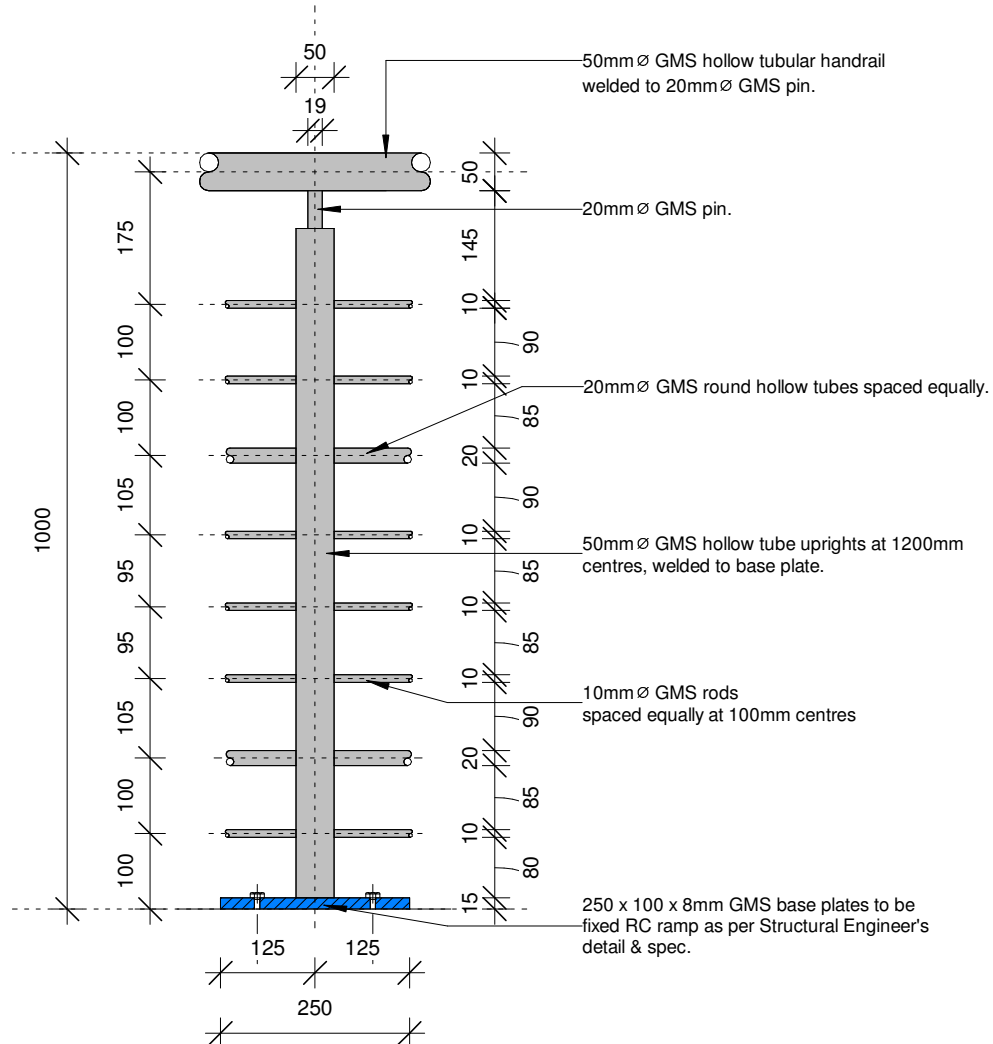


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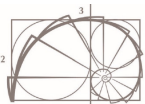
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Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
Scale:	1:2	Drawn:	G.F
Date:	2024/07/12	Checked:	I.E
Drawing name:	Ceiling Access Hatch Detail		
Drawing number:	4035-522	Revision:	



SECTIONAL ELEVATION



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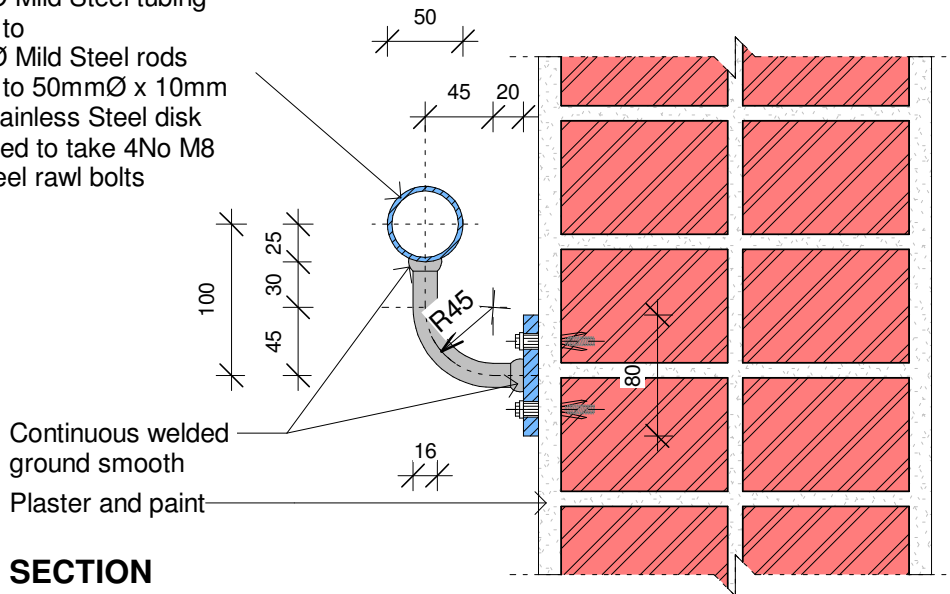
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Project : **Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch**

Drawing Status: FOR CONSTRUCTION	Designed: I.E
Scale: 1:10	Drawn: G.F
Date: 2024/07/12	Checked: I.E
Drawing name:	Ramp Balustrade Detail
Drawing number:	4035-523 Revision:

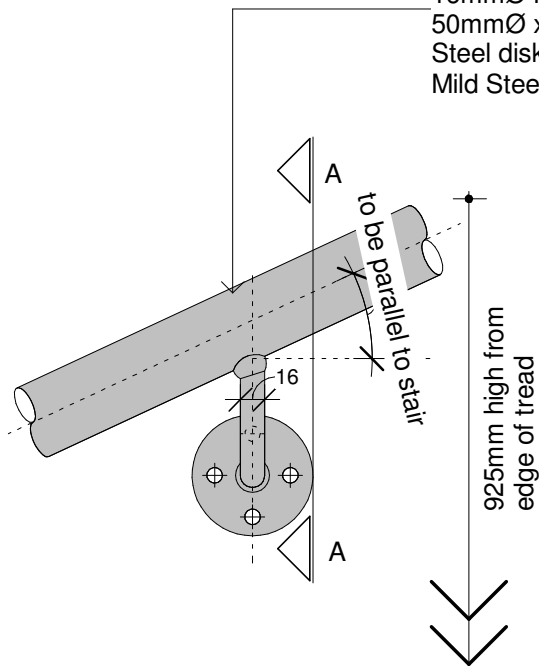
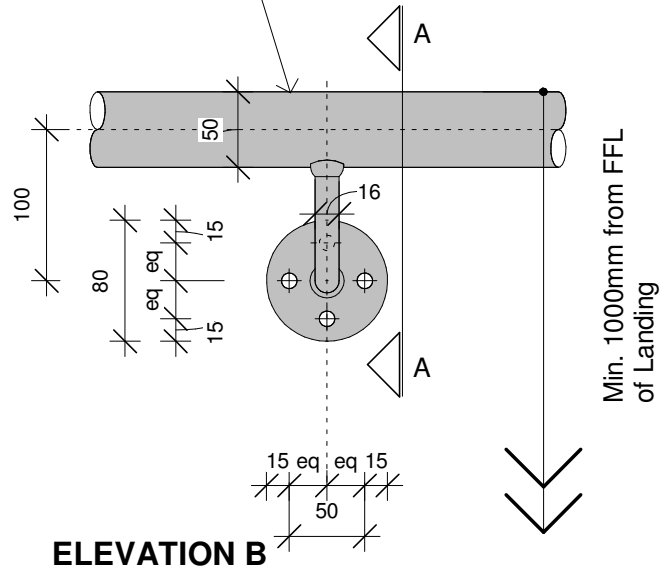
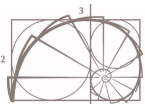
Handrailing:-

50mmØ Mild Steel tubing
welded to
16mmØ Mild Steel rods
welded to 50mmØ x 10mm
thick Stainless Steel disk
pre-drilled to take 4No M8
Mild Steel rawl bolts



Handrailing:-

50mmØ Mild Steel tubing welded to
16mmØ Mild Steel rods welded to
50mmØ x 10mm thick Stainless
Steel disk pre-drilled to take 4No M8
Mild Steel rawl bolts



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**Proposed Additions, Alterations & Refurbishment for
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Drawing Status: FOR CONSTRUCTION

Designed: I.E

Scale: 1:10

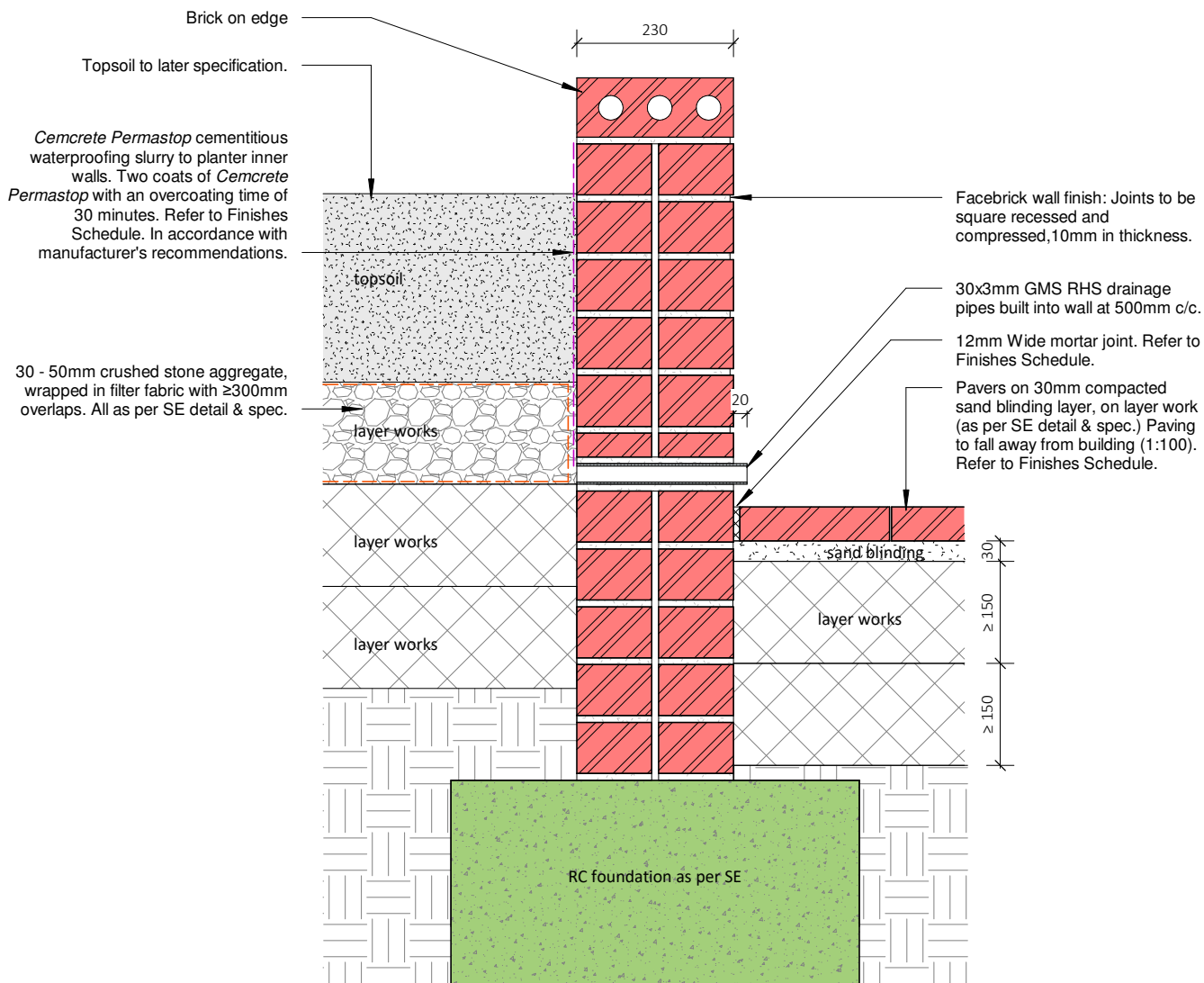
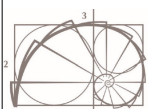
Drawn: G.F

Date: 2024/07/12

Checked: I.E

Drawing name: **Ramp Handrail Detail**

Drawing number: **4035-524** Revision:



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Drawing Status: FOR CONSTRUCTION Designed: I.E

Scale: 1:10 Drawn: G.F

Date: 2024/07/12 Checked: I.E

Drawing name: **Planter Detail**

Drawing number: **4035-525** Revision:

ANNEXURE A3: Door & Window Schedule

For

Stellenbosch Municipality



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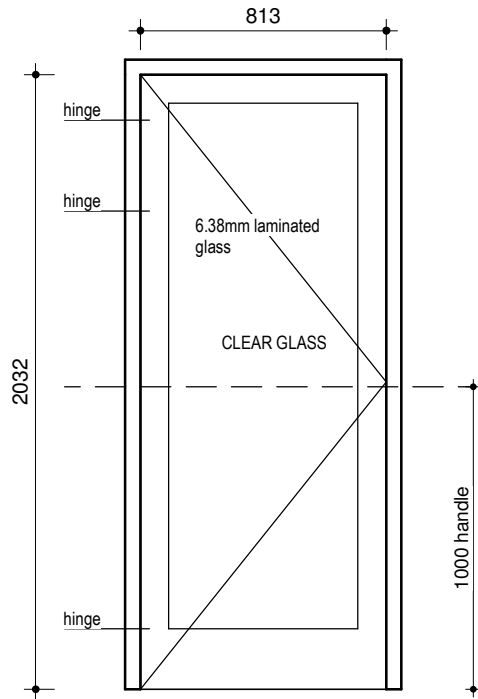
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-Compiled by-



NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Office 4, New Meeting Room, New Open Plan Office 1, Ex Passage 2	D1

DOOR:	
Description:	Purpose made aluminium internal swing door. Over all door & frame size: 2100mm high x 900mm, made up of Clipp44 standard sections: Clip44 90mm bottom rail, stiles and top rail. Glazing as per manufacturer's recommendations and SANS 10137:2011, SANS 10400 Parts B, N, XA and AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	6.38mm Laminated Clear Glass N.S, complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,

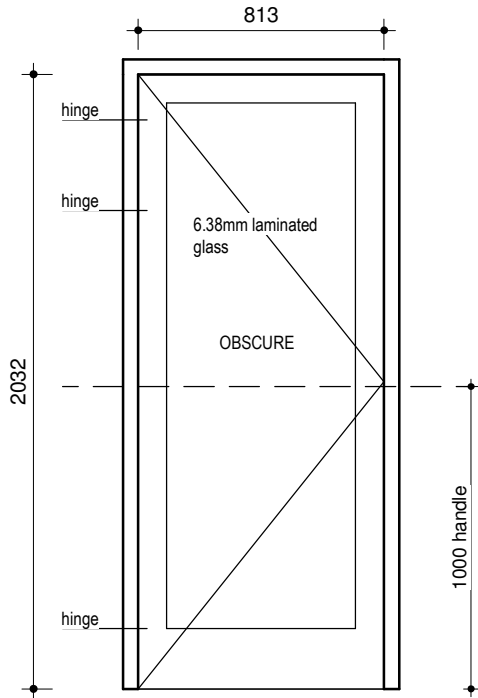
FRAME:	
Description:	Purpose-made aluminium Clip44 frame: 2100mm high x 900mm wide. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
ALUM HINGES	ALUMINIUM HINGES BY SHOPFITTER	3	EACH
448203520S	CISA LOCKING LINE 44820-35-20S EURO PROFILE NARROW STILE LOCK BODY WITH LATCH & SINGLE THROW DEADBOLT 85MM CxC & 35MM BACKSET W/O CYLINDER - EN12209 - STAINLESS STEEL	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 - NICKEL	1	EACH
H28SN	DPS H28 SLIMLINE LEVER HANDLES WITHOUT SPRINGS WITH 85MM CXC - NATURAL	1	PAIR
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH

 ISA ARCHITECTS IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530	Client:		 STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY		Project : Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch			
	Approved by Architect:		Approved by Client:		Drawing Status:	FOR CONSTRUCTION	Designed:	I.E
					Scale:	1:25	Drawn:	G.F
					Date:	2024/08/29	Checked:	I.E
					Drawn name:		Door 1	
DPW drawing number:					4035-601	Revision:		

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	Ex Office 1, Ex Office 2, Ex Office 3, Ex Boardroom	D2

DOOR:	
Description:	Purpose made aluminium internal swing door. Over all door & frame size: 2100mm high x 900mm, made up of Clipp44 standard sections: Clip44 90mm bottom rail, stiles and top rail. Glazing as per manufacturer's recommendations and SANS 10137:2011, SANS 10400 Parts B, N, XA and AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	6.38mm Laminated Obscure Glass N.S, complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,

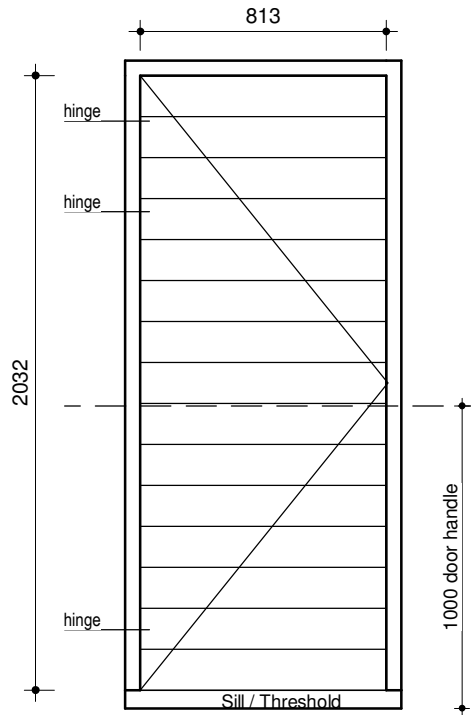
FRAME:	
Description:	Purpose-made aluminium Clip44 frame: 2100mm high x 900mm wide. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
ALUM HINGES	ALUMINIUM HINGES BY SHOPFITTER	3	EACH
448203520S	CISA LOCKING LINE 44820-35-20S EURO PROFILE NARROW STILE LOCK BODY WITH LATCH & SINGLE THROW DEADBOLT 85MM CxC & 35MM BACKSET W/O CYLINDER - EN12209 - STAINLESS STEEL	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 -NICKEL	1	EACH
H28SN	DPS H28 SLIMLINE LEVER HANDLES WITHOUT SPRINGS WITH 85MM CXC - NATURAL	1	PAIR
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH

 ISA ARCHITECTS IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530	Client:		Project : Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch	
	 STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY		Drawing Status: FOR CONSTRUCTION	Designed: I.E
	Approved by Architect:		Scale: 1:25	Drawn: G.F
	Approved by Client:		Date: 2024/08/29	Checked: I.E
			Drawn name:	Door 2
		DPW drawing number:	4035-602 Revision:	

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



NOTE:
Door at Ex Passage 2 to receive additional
ironmongery to comply with fire regulation.

SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Open Plan Office 2, Ex Passage 2	D3

DOOR:	
Description:	K Parker Joinery heavy duty engineered meranti horizontal slatted single O/O swing door (or similarly approved) with door leaf size: 813mm wide x 2032mm high x 44mm thick. Solid hardwood doors manufactured from Meranti, in accordance with SANS 1253:2016. For Exterior use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Refer to Finishes Schedule and Paint Specification.
Glass:	N/A

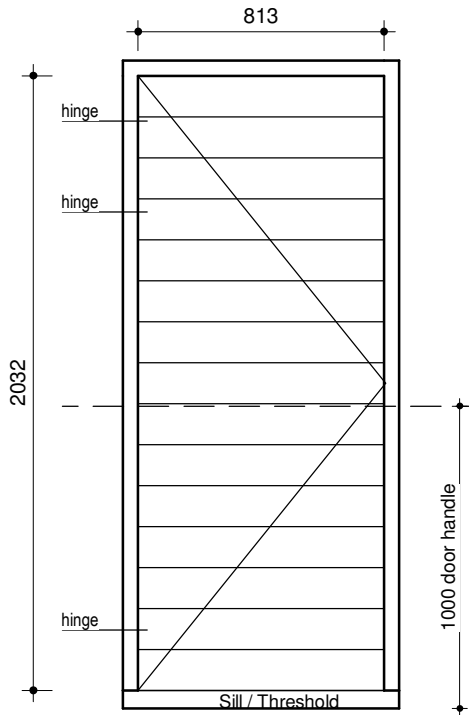
FRAME:	
Description:	56x86mm Meranti door frame (O/O Sill) to accomodate a 813mm wide x 2032mm high door opening. Frame with 45x12mm rebate.
Finish:	Refer to Finishes Schedule and Paint Specification.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
D15100397C	CISA PROFESSIONAL PLUS2 R&P DOOR CLOSER NON HOLD OPEN EN 2-4 MULTI STRENGTH - EN1154 - GREY	1	EACH
DCFS	CISA DOOR CLOSER FIXING SCREW - STUD 8X30MM & SCREW M5X75MM	4	EACH
552205720	CISA 55220-57-20 EURO/OVAL PROFILE MORTICE SASH LOCK BODY WITH 57MM CxC & 57MM BACKSET - EN12209 - SS	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 - NICKEL	1	EACH
FT08.RC	DPS FT08 PROject SSS LEVER HANDLE ON ROUND ROSE WITH EURO PROFILE CYLINDER ESCUTCHEON	1	PAIR
PUSH PLATE 400	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
KICKPLATE 200	WOD x 200 x 1.2MM GR430SS KICKPLATE	2	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH

 ISA ARCHITECTS IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530	Client:		 STELLENBOSCH <small>STELLENBOSCH • PNIEL • FRANSCHHOEK</small> <small>MUNISIPALITEIT • UMASIPALA • MUNICIPALITY</small>		Project : Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch	
	Approved by Architect:				Approved by Client:	
					Drawing Status: FOR CONSTRUCTION	Designed: I.E
					Scale: 1:25	Drawn: G.F
					Date: 2024/08/29	Checked: I.E
				Drawn name: Door 3		
				DPW drawing number: 4035-603 Revision:		

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Passage 1, New Passage 3	D4

DOOR:	
Description:	K Parker Joinery heavy duty engineered meranti horizontal slatted single O/I swing door (or similarly approved) with door leaf size: 813mm wide x 2032mm high x 44mm thick. Solid hardwood doors manufactured from Meranti, in accordance with SANS 1253:2016. For Exterior use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Refer to Finishes Schedule and Paint Specification.
Glass:	N/A

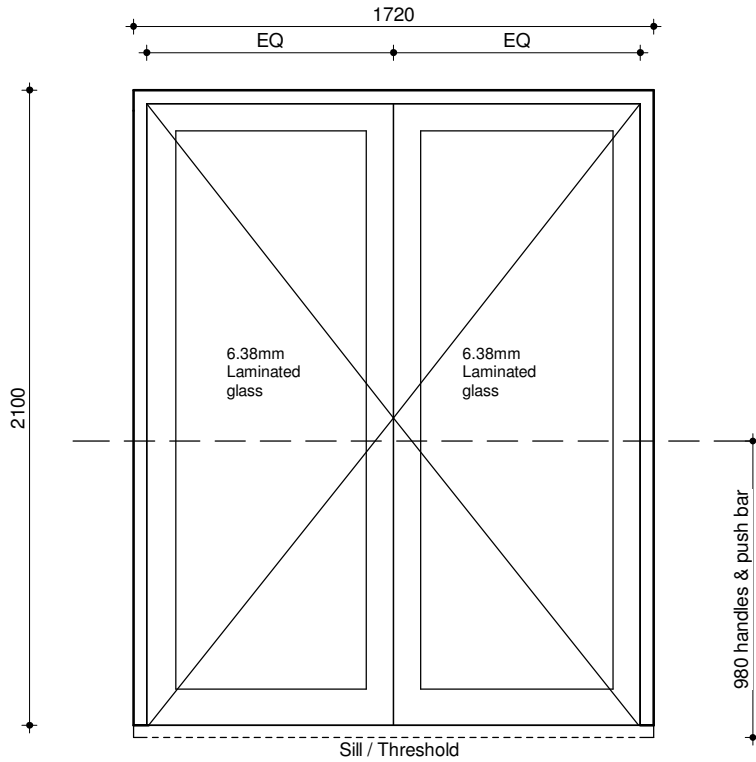
FRAME:	
Description:	56x86mm Meranti door frame (O/I Sill) to accomodate a 813mm wide x 2032mm high door opening. Frame with 45x12mm rebate.
Finish:	Refer to Finishes Schedule and Paint Specification.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
D15100397C	CISA PROFESSIONAL PLUS2 R&P DOOR CLOSER NON HOLD OPEN EN 2-4 MULTI STRENGTH - EN1154 - GREY	1	EACH
DCFS	CISA DOOR CLOSER FIXING SCREW - STUD 8X30MM & SCREW M5X75MM	4	EACH
552205720	CISA 55220-57-20 EURO/OVAL PROFILE MORTICE SASH LOCK BODY WITH 57MM CxC & 57MM BACKSET - EN12209 - SS	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 - NICKEL	1	EACH
FT08.RC	DPS FT08 PROject SSS LEVER HANDLE ON ROUND ROSE WITH EURO PROFILE CYLINDER ESCUTCHEON	1	PAIR
PUSH PLATE 400	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
KICKPLATE 200	WOD x 200 x 1.2MM GR430SS KICKPLATE	2	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH

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	Approved by Architect:		Approved by Client:		Drawing Status: FOR CONSTRUCTION
					Designed: I.E
					Scale: 1:25
					Drawn: G.F
				Date: 2024/08/29	Checked: I.E
				Drawn name: Door 4	
				DPW drawing number: 4035-604	Revision:

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Reception	D5

DOOR:	
Description:	Purpose made aluminium 2100mm high x 1720mm wide external open out double door. Doors are made up of Clipp44 standard sections: Clip44 90mm bottom rail, stiles and top rails. All in accordance with SANS 10400 Parts B, N, XA, SANS 613 SANS, 10137:2011 and AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	6.38mm Laminated Clear Glass N.S, complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,

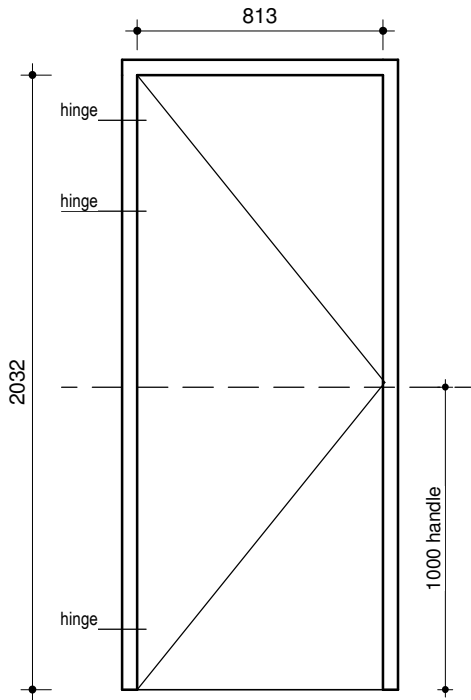
FRAME:	
Description:	Purpose-made aluminium Clip44 frame, over all size: 2100mm high x 1720mm wide. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
ALUM FLUSH - BOLT	FLUSH BOLT BY ALUMINIUM MANUFACTURER	2	EACH
ALUM HINGES	ALUMINIUM HINGES BY SHOPFITTER	8	EACH
D15100397C	CISA PROFESSIONAL PLUS2 R&P DOOR CLOSER NON HOLD OPEN EN 2-4 MULTI STRENGTH - EN1154 - GREY	2	EACH
4621035S	CISA 46210-35S EURO PROFILE NARROW STILE LOCK BODY WITH SWING BOLT ONLY 35MM BACKSET W/O CYLINDER - EN12209 - STAINLESS STEEL	1	EACH
0G30010NM	CISA C2000 0G300-10-12 EURO PROFILE DOUBLE CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 - NICKEL	1	EACH
FEOCSS	NARROW STYLE ESCUTCHEON SS	1	PAIR
FPD22BBSS	DPS FP-D22-BB PROject D-OFFSET PULL HANDLE 300 x 300 CTC x 330MM BACK TO BACK SS	1	PAIR
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	2	EACH

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	Approved by Architect:		Approved by Client:		Drawing Status: FOR CONSTRUCTION
					Designed: I.E
					Scale: 1:25
					Drawn: G.F
				Date: 2024/08/29	Checked: I.E
				Drawn name: Door 5	
				DPW drawing number: 4035-605	Revision:

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	Ex Disabled WC 1	D6a

DOOR:	
Description:	K Parker Joinery semi solid masonite flush door (or similarly approved) in aluminium door frame. Door leaf size: 813mm wide x 2032mm high x 40mm thick. For internal use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	N/A

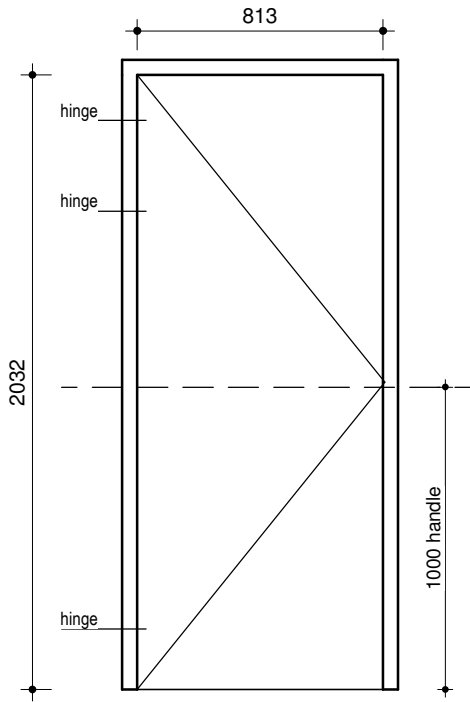
FRAME:	
Description:	Purpose-made aluminium Clip44 frame for 2032mm high x 813mm wide door leaf. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
SIGNAGE	DPS PROject WHEELCHAIR INDICATOR SIGN WITH ROUND CORNERS 150MMx150MMx1.2MM - SS	1	EACH
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
D62000397	CISA CAM ACTION SLIDE CHANNEL DOOR CLOSER NON HOLD OPEN (PULL SIDE DOOR/ PUSH SIDE TRANSOM MOUNT) EN2-4 ADJUSTABLE STRENGTH WITH BACKCHECK - EN1154 - GREY	1	EACH
37651AS	HELPING HAND INDICATOR BOLT	1	EACH
FPBTF32MM	DPS FP-BTF-32MMØ FLAT HEAD WITH 70x8MM THREADED BOLT FOR 19MM Ø HANDLE SS	2	PAIR
FPD10BTFSS	DPS FP-D10-BTF PROject D PULL HANDLE 32Ø x 300 CTC x 330MM BOLT THRU SS	2	EACH
PUSH PLATE	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
KICKPLATE	WOD x 200 x1.2MM GR430SS KICKPLATE	2	EACH

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	 STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY		Drawing Status: FOR CONSTRUCTION	Designed: I.E
	Approved by Architect:		Scale: 1:25	Drawn: G.F
	Approved by Client:		Date: 2024/08/29	Checked: I.E
			Drawn name:	Door 6a
DPW drawing number: 4035-606a			Revision:	

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	Ex Staff WC 1	D6b

DOOR:	
Description:	K Parker Joinery semi solid masonite flush door (or similarly approved) in aluminium door frame. Door leaf size: 813mm wide x 2032mm high x 40mm thick. For internal use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	N/A

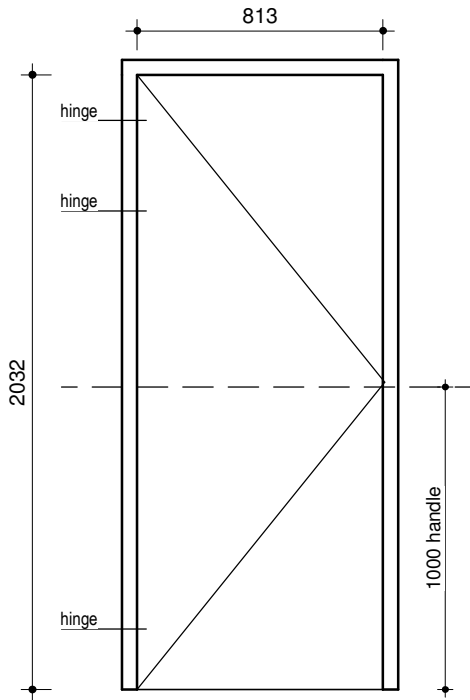
FRAME:	
Description:	Purpose-made aluminium Clip44 frame for 2032mm high x 813mm wide door leaf. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
SIGNAGE	DPS PROject STAFF WC INDICATOR SIGN WITH ROUND CORNERS 150MMx150MMx1.2MM - SS	1	EACH
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
FWC101RLSS	FWC101RLSS PROject WC INDICATOR TURN, ROUND ROSE , FOR WC DEAD LOCK SS	1	EACH
FWCDL	DPS PROject WC DEAD BOLT WITH 8MM SPINDLE FOLLOWER - FACEPLATE GR304 SS	1	EACH
FPD10BTFSS	DPS FP-D10-BTF PROject D PULL HANDLE 32Ø x 300 CTC x 330MM BOLT THRU SS	1	EACH
FHACH02	DPS PROject HAT AND COAT HOOK WITH RUBBER BUFFER - GR304 SS	1	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH
PUSH PLATE 400	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
KICKPLATE 200	WOD x 200 x1.2MM GR430SS KICKPLATE	2	EACH

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	Approved by Architect:		Approved by Client:		Drawing Status: FOR CONSTRUCTION	Designed: I.E
					Scale: 1:25	Drawn: G.F
					Date: 2024/08/29	Checked: I.E
					Drawn name: Door 6b	
DPW drawing number: 4035-607					Revision:	

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Printing Room	D6c

DOOR:	
Description:	K Parker Joinery semi solid masonite flush door (or similarly approved) in aluminium door frame. Door leaf size: 813mm wide x 2032mm high x 40mm thick. For internal use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Factory standard Epoxy Coated: Colour - as per client.
Glass:	N/A

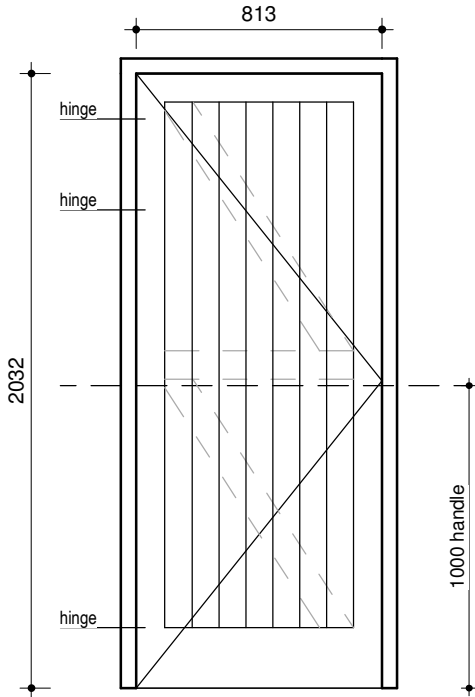
FRAME:	
Description:	Purpose-made aluminium Clip44 frame for 2032mm high x 813mm wide door leaf. All in accordance with AAAMSA Selection Guide for Glazed Aluminium Architectural Aluminium Products - June 2008. Manufactured from standard aluminium sections. No sill.
Finish:	Factory standard Epoxy Coated: Colour - as per client.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
552205720	CISA 55220-57-20 EURO/OVAL PROFILE MORTICE SASH LOCK BODY WITH 57MM CxC & 57MM BACKSET - EN12209 - SS	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 -NICKEL	1	EACH
FT08.RC	DPS FT08 PROject SSS LEVER HANDLE ON ROUND ROSE WITH EURO PROFILE CYLINDER ESCUTCHEON	1	PAIR
PUSH PLATE 400	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH
KICKPLATE 200	WOD x 200 x1.2MM GR430SS KICKPLATE	2	EACH

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	Approved by Architect:		Approved by Client:		Drawing Status: FOR CONSTRUCTION	Designed: I.E
					Scale: 1:25	Drawn: G.F
					Date: 2024/08/29	Checked: I.E
					Drawn name: Door 6c	
DPW drawing number: 4035-608 Revision:						

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	New Public Toilet 1, New Public Toilet 2	D7

DOOR:	
Description:	K Parker Joinery heavy duty engineered meranti vertical slatted O/O FLB door (or similarly approved) with door leaf size: 813mm wide x 2032mm high x 44mm thick. Solid hardwood doors manufactured from Meranti, in accordance with SANS 1253:2016. For Exterior use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Refer to Finishes Schedule and Paint Specification.
Glass:	N/A

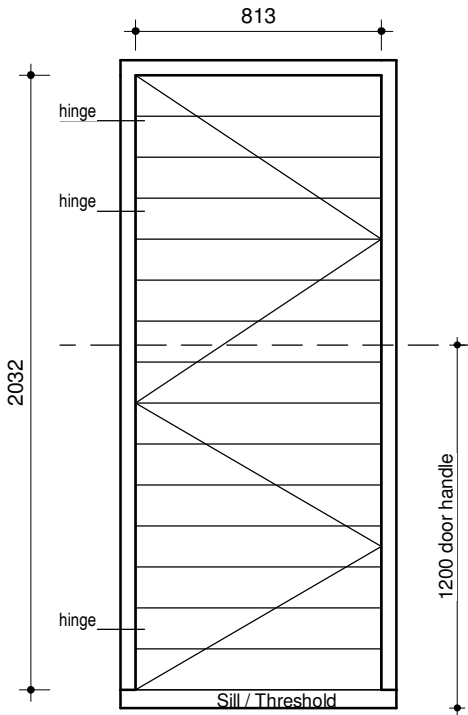
FRAME:	
Description:	56x86mm Meranti door frame (No Sill) to accomodate a 813mm wide x 2032mm high door opening. Frame with 45x12mm rebate.
Finish:	Refer to Finishes Schedule and Paint Specification.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
SIGNAGE	DPS PROject WC INDICATOR SIGN WITH ROUND CORNERS 150MMx150MMx1.2MM - SS	1	EACH
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	1.5	PAIR
FWC101RLSS	FWC101RLSS PROject WC INDICATOR TURN, ROUND ROSE , FOR WC DEAD LOCK SS	1	EACH
FWCDL	DPS PROject WC DEAD BOLT WITH 8MM SPINDLE FOLLOWER - FACEPLATE GR304 SS	1	EACH
FPD10BTFSS	DPS FP-D10-BTF PROject D PULL HANDLE 320 x 300 CTC x 330MM BOLT THRU SS	1	EACH
FHACH02	DPS PROject HAT AND COAT HOOK WITH RUBBER BUFFER - GR304 SS	1	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH
PUSH PLATE 400	400MM X 150MM PUSH PLATE GR 430 SS	2	EACH
KICKPLATE 200	WOD x 200 x1.2MM GR430SS KICKPLATE	2	EACH

 <p>ISA ARCHITECTS</p> <p>IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530</p>	Client:		Project : Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch	
	 <p>STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY</p>		Drawing Status: FOR CONSTRUCTION	Designed: I.E
	Approved by Architect:		Scale: 1:25	Drawn: G.F
	Approved by Client:		Date: 2024/08/29	Checked: I.E
			Drawn name:	Door 7
DPW drawing number: 4035-609			Revision:	

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE :	LOCATION :	DOOR TYPE:
1 : 25	Ex Kitchen 1	D8

DOOR:	
Description:	K Parker Joinery heavy duty engineered meranti horizontal slatted O/O stable door (or similarly approved) with door leaf size: 813mm wide x 2032mm high x 44mm thick. Solid hardwood doors manufactured from Meranti, in accordance with SANS 1253:2016. For Exterior use. Door leaf thickness to be confirmed by manufacturer.
Finish:	Refer to Finishes Schedule and Paint Specification.
Glass:	N/A

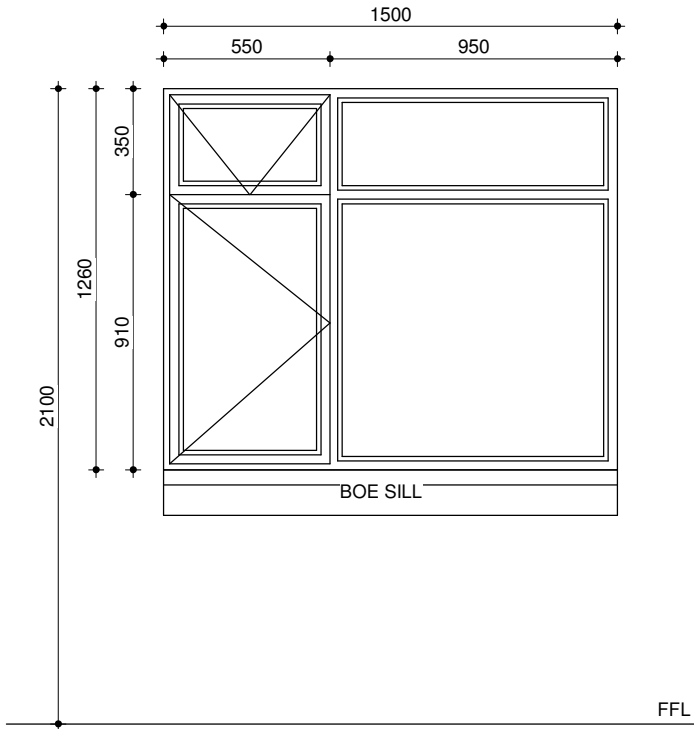
FRAME:	
Description:	56x86mm Meranti door frame (O/O Sill) to accomodate a 813mm wide x 2032mm high door opening. Frame with 45x12mm rebate.
Finish:	Refer to Finishes Schedule and Paint Specification.

IRONMONGERY:			
Product Code:	Description:	Qty:	Unit:
BUTT HINGE	BUTT HINGES INTEGRAL WITH FRAME BY DOOR MANUFACTURER	2	PAIR
552205720	CISA 55220-57-20 EURO/OVAL PROFILE MORTICE SASH LOCK BODY WITH 57MM CxC & 57MM BACKSET - EN12209 - SS	1	EACH
0G30210NM	CISA C2000 0G302-10-12 EURO PROFILE KNOB CYLINDER 65MM 32.5/32.5 MASTER KEYED - EN1303 -NICKEL	1	EACH
FT08.RC	DPS FT08 PROject SSS LEVER HANDLE ON ROUND ROSE WITH EURO PROFILE CYLINDER ESCUTCHEON	1	PAIR
KICKPLATE 200	WOD x 200 x1.2MM GR430SS KICKPLATE	2	EACH
FDS05SN	DPS PROject HOODED FLOOR MOUNTED DOOR STOP WITH RUBBER BUFFER - ZAMAC	1	EACH
152516	MACKIE VICTORIAN OPEN SLIDE BOLT - SATIN CHROME 150MM	1	EACH

 ISA ARCHITECTS IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530	Client:		 STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY	Project : Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch	
	Approved by Architect:		Approved by Client:		Drawing Status: FOR CONSTRUCTION
					Designed: I.E
					Scale: 1:25
					Drawn: G.F
				Date: 2024/08/29	Checked: I.E
				Drawn name: Door 8	
				DPW drawing number: 4035-610	Revision:

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.

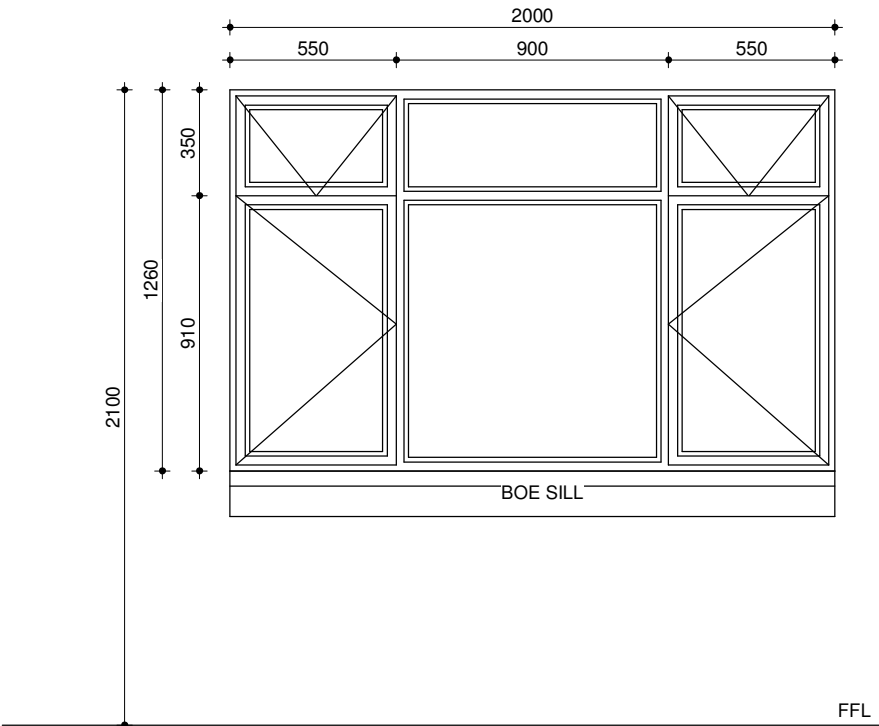


SCALE : N/A 1 : 25		WINDOW TYPE: W1
WINDOW:		
Description:	Purpose-made Clip44 Aluminium framed window: 1260mm high x 1500mm wide. Window consists fixed glazed panels and casement-38 top-hung open-out and side-hung open-out aluminium casements. Glazing as per manufacturer's recommendations and SANS 10137:2011. All in accordance with SANS 10400 Parts B, N, XA. Lug fixings on frames to be in accordance with AAAMSA. All openable casements to have stay-hinges.	
Finish:	Factory standard Epoxy Coated: Colour - as per client.	
Glass:	6.38mm Laminated Clear Glass N.S. complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,	
Ironmongery:	Ironmongery to be supplied & fitted by shopfront manufacturer; Ironmongery to be approved by Architect prior to manufacturing / installation. All openable casements to have stay-hinges.	
Sill:	BOE sill; Refer to Finishes Schedule	
Notes:	All dimensions to be checked and verified on site prior to manufacture. Allow for a clear silicone bead all around both sides of window frame. All junctions of aluminium sections to be sealed with clear silicone bead all around to manufacturer's recommendations where cut & mitred. All glazing to be executed strictly in conformance with the glass manufacturers recommendations and all in accordance with the National Building Regulations. Clear glass in accordance with DSS SANS 10400-Part N: 2006 Edition 3, SABS 0400, SABS 1263 and AAAMSA selection guide for safety glazing materials.	

<div><div>ISA ARCHITECTS</div><div>IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530</div></div>	<div>Client:</div> <div><div>STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY</div></div>		<div>Project :</div> <div>Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch</div>	
	<div>Approved by Architect:</div>		<div>Approved by Client:</div>	
	<div>Drawing Status: FOR CONSTRUCTION</div>		<div>Designed: I.E</div>	
	<div>Scale: 1:25</div>		<div>Drawn: G.F</div>	
	<div>Date: 2024/08/29</div>		<div>Checked: I.E</div>	
<div>Drawn name:</div>		<div>Window 1</div>		
<div>DPW drawing number:</div>		<div>4035-621</div>	<div>Revision:</div>	

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE : N/A 1 : 25		WINDOW TYPE: W2
WINDOW:		
Description:	Purpose-made Clip44 Aluminium framed window: 1260mm high x 1200mm wide. Window consists fixed glazed panels and casement-38 top-hung open-out and side-hung open-out aluminium casements. Glazing as per manufacturer's recommendations and SANS 10137:2011. All in accordance with SANS 10400 Parts B, N, XA. Lug fixings on frames to be in accordance with AAAMSA. All openable casements to have stay-hinges.	
Finish:	Factory standard Epoxy Coated: Colour - as per client.	
Glass:	6.38mm Laminated Clear Glass N.S. complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,	
Ironmongery:	Ironmongery to be supplied & fitted by shopfront manufacturer; Ironmongery to be approved by Architect prior to manufacturing / installation. All openable casements to have stay-hinges.	
Sill:	BOE sill; Refer to Finishes Schedule	
Notes:	All dimensions to be checked and verified on site prior to manufacture. Allow for a clear silicone bead all around both sides of window frame. All junctions of aluminium sections to be sealed with clear silicone bead all around to manufacturer's recommendations where cut & mitred. All glazing to be executed strictly in conformance with the glass manufacturers recommendations and all in accordance with the National Building Regulations. Clear glass in accordance with DSS SANS 10400-Part N: 2006 Edition 3, SABS 0400, SABS 1263 and AAAMSA selection guide for safety glazing materials.	



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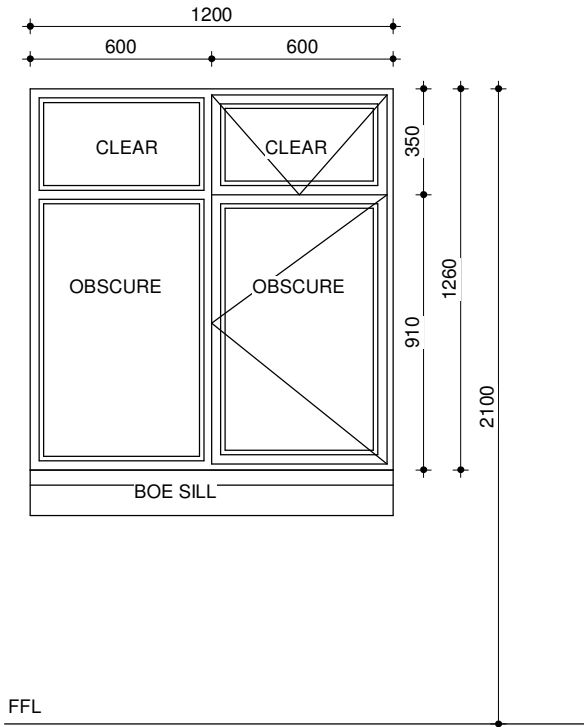
Approved by Architect: _____ Approved by Client: _____

Project : **Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch**

Drawing Status: FOR CONSTRUCTION	Designed: I.E
Scale: 1:25	Drawn: G.F
Date: 2024/08/29	Checked: I.E
Drawn name: _____	Window 2
DPW drawing number: 4035-622	Revision: _____

NOTE:
Refer to Plan
for door hand
and swing.

Refer to Plan
for assigned
door number.



SCALE : N/A 1 : 25		WINDOW TYPE: W3
WINDOW:		
Description:	Purpose-made Clip44 Aluminium framed window: 1260mm high x 1500mm wide. Window consists fixed glazed panels and casement-38 top-hung open-out and side-hung open-out aluminium casements. Glazing as per manufacturer's recommendations and SANS 10137:2011. All in accordance with SANS 10400 Parts B, N, XA. Lug fixings on frames to be in accordance with AAAMSA. All openable casements to have stay-hinges.	
Finish:	Factory standard Epoxy Coated: Colour - as per client.	
Glass:	6.38mm Laminated Clear / Obscure Glass N.S. complying with SANS 1263 Part 1, 2 or 3 with name of the manufacturer permanently marked on each pane visible after glazing, in accordance with NBR Part N schedule 1 and SANS 10137:2002. All glass products must apply to SAGGA Regulations,	
Ironmongery:	Ironmongery to be supplied & fitted by shopfront manufacturer; Ironmongery to be approved by Architect prior to manufacturing / installation. All openable casements to have stay-hinges.	
Sill:	BOE sill; Refer to Finishes Schedule	
Notes:	All dimensions to be checked and verified on site prior to manufacture. Allow for a clear silicone bead all around both sides of window frame. All junctions of aluminium sections to be sealed with clear silicone bead all around to manufacturer's recommendations where cut & mitred. All glazing to be executed strictly in conformance with the glass manufacturers recommendations and all in accordance with the National Building Regulations. Clear glass in accordance with DSS SANS 10400-Part N: 2006 Edition 3, SABS 0400, SABS 1263 and AAAMSA selection guide for safety glazing materials.	

<div><div>ISA ARCHITECTS</div><div>IKAMVA ARCHITECTS SA Pty (Ltd) Email paul@i-sa.co.za Web www.i-sa.co.za Tel 044 020 0151 Cell 079 489 8454 Unit 3, Fairview Office Park 1st Street George 6530</div></div>	<div>Client:</div> <div><div>STELLENBOSCH STELLENBOSCH • PNIEL • FRANSCHHOEK MUNISIPALITEIT • UMASIPALA • MUNICIPALITY</div></div>		<div>Project :</div> <div>Proposed Additions, Alterations & Refurbishment for Stellenbosch Municipality on Erf RE/194, Stellenbosch</div>	
	Approved by Architect:		Approved by Client:	
	Drawing Status: FOR CONSTRUCTION		Designed: I.E	
	Scale: 1:25		Drawn: G.F	
	Date: 2024/08/29		Checked: I.E	
Drawn name:		Window 3		
DPW drawing number: 4035-623		Revision:		

ANNEXURE A4: Finishes Schedule

For

Stellenbosch Municipality



STELLENBOSCH

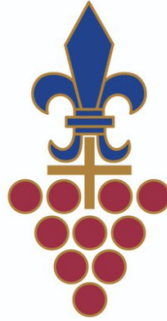
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-Compiled by-



CLIENT:



STELLENBOSCH

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LAW ENFORCEMENT BUILDING, STELLENBOSCH -
ADDITIONS, ALTERATIONS & REFURBISHMENTS

FINISHES SCHEDULE

A-400

AUGUST 2024



IKAMVA ARCHITECTS CC

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Tel 021 020 2350 | Cell 082 446 3973

148 Main Road | Hoog-en-Droog | Paarl | 7646 | Western Cape

REVISIONS

NUMBER	DATE	DESCRIPTION

NOTE:

- 1) ALL PRODUCTS TO BE AS SPECIFIED OR EQUAL ARE TO BE INSTALLED STRICTLY AS PER MANUFACTURERS SPECIFICATIONS AND APPROVED BY ARCHITECT AND PRINCIPAL AGENT.
- 2) 57MM X 3MM BRASS STRIP TO BE EMBEDDED INTO SCREED AT ALL CHANGES IN FLOOR FINISH.
- 3) ALLOW FOR DIFFERENCE IN THICKNESS OF FLOOR FINISHES WHEN PLACING FLOOR SCREEDS.
- 4) THE TREADS OF STEPS AND UPPER SURFACES OF EXTERNAL THRESHOLDS SHALL BE RENDERED NON-SLIP NEAR FRONT EDGE FOR A WIDTH OF 50MM AND STOPPED 50MM FROM ENDS.
- 5) ALL DIMENSIONS AND ALL LEVELS TO BE CHECKED ON SITE AND WHERE APPLICABLE TO MATCH EXISTING STRUCTURE.
- 6) ANY DISCREPANCY OR CONTRADICTION TO IMMEDIATELY BE REPORTED TO THE ARCHITECT.
- 7) ALL INFORMATION TO BE READ IN CONJUNCTION WITH CONSULTANTS DRAWINGS.
- 8) FINISHED STRUCTURE TO COMPLY WITH LATEST AMENDMENTS OF SABS 0400.

ALL STEEL STRUCTURES TO BE GALVANISED

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SITE GENERAL NOTES

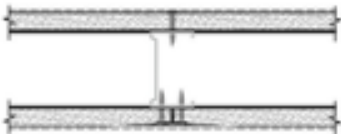
- Contractor to check general servitudes,
- Manholes, inspection eyes, rodding eyes, new and existing drainage lines & storm water all as per Engineer.
- Site Faults discovered to be reported to Project Manager.
- Size of Erf Boundaries all as per Site Surveyor drawing.
- Contractor to confirm prior to any tree felling or tree trimming whether the tree is a protected or indigenous with a written report from a tree felling expert. Contractor to confirm and receive approval from client prior to trimming/ felling.

DAMP PROOFING

Solid Walls	High Density Polyethylene DPC 250µm damp proof course in solid walls conforming to SANS 952-1:2011 laid with minimum 150mm overlaps.
Cavity Walls	High Density Polyethylene DPC 250µm damp proof course in cavity walls conforming to SANS 952-1:2011 laid with minimum 150mm overlaps.
Under Concrete Surface beds	High Density Polyethylene USB Green 250µm damp proof membrane under concrete surface beds conforming to SANS 952-1:2011 laid with minimum 150mm overlaps and sealed with Gunplas pressure sensitive tape.
Perp Ends	The cavities shall be kept free of all rubbish, mortar droppings and projecting mortar. The tops of walls shall be covered with planks or sacking during wet weather to prevent rain from entering the cavities. Form weepholes in outer skin of external cavity walls by leaving the perpendicular joints open, one every 1m apart in the second brick course below the damp-proof course.

WALLS

WALLS General masonry wall sizes to be 280mm, 230mm and 115mm as indicated on plan (drywalls are 76mm).	
New Foundation Walls: Up to FFL:	14MPa NFX brick (Engineer Approved Stock only), bedded and jointed in Class II mortar and pointed with flush vertical and flush horizontal joints. Use FBX clay face brick for the plinth's external wall skin (to match existing plinth walls), bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints. (strictly as per architect's approval).
New Walls: FFL to U/S of Roof:	FBX clay face brick (as per Structural Engineer's specification), size 222 x 106 x 73mm, manufactured in accordance with 227:2007, bedded and jointed in Class II mortar. 15mm thick plaster above, plastered to a smooth finish (external to be wood trowelled and internal to be steel trowelled). Refer to Sections and Elevations. (strictly as per architect's approval).
Build in new windows & doors in existing walls:	Cut openings for new windows and doors in positions as indicated. Enlarge openings as required and cut toothings for full height of openings. Set new door and window frames as specified in position and build in as per Architect's drawings. Refer to Engineer's detail & spec.
Build up door & window openings in existing walls:	Take out existing door and window frames where it is indicated for door/window openings to be bricked up; cut toothings for the full height of the opening. Prepare for and build up the opening in new brickwork with cement mortar to match existing
Wall ties:	2,5mm x 225mm galvanized Butterfly wall ties (BT250.25) to be evenly spaced at not less than 9 ties per m ² of the face area. (All to comply to SANS10400 and as per Engineers recommendations).
Brickforce:	Foundation Walls Up To Unfinished Floor Level: 2,8mm diameter brickforce to be built in every course in the foundation walls up to the unfinished floor level (brickforce to span 270mm cavity wall).
	Above Unfinished Floor Level To The Underside Of The Roof: 2,8mm Diameter brickforce to be built in at every course for the first 5 courses and every

	fourth course thereafter (brickforce for 110mm wall to be installed separately in the internal and external skin of the cavity.)
Smooth Plaster:	<p>Cement plaster for one coat work on brickwork shall be composed of 4 parts sand to 1 part cement for internal work and 5 parts sand to 1 part cement for external work, all measured by volume.</p> <p>Plaster to walls shall not be less than 10mm and not more than 20mm in thickness.</p> <p>Walls shall be well wetted prior to commencement of plastering.</p> <p>Plaster shall be returned into reveals and soffits of openings and all angles shall be true and straight with round salient angles.</p> <p>Plaster to be smooth and of uniform texture throughout, free of cracks, hollow spots and properly bonded to brickwork.</p> <p>Plaster to each plane or wall to be done in one operation/application, without interruption or joints.</p> <p>No chasing whatsoever is permitted into completed plasterwork.</p> <p>Plaster to walls is to be perfectly straight and plumb, without undulations.</p>
Pre-stressed concrete lintols:	All lintols over door and window openings to bear a minimum of 225mm on the walls at either end. Where new windows are built in openings where existing windows have been removed and due to revised positions of windows, the above cannot apply, then new lintols are to be built in to suit the new window position.
Sound Insulated Internal Drywall	<p>Gyproc 2600mm high Classic Wall System (Code: GCWS 51F30S30)</p> <p>Side 1: Consisting of outer layer RhinoBoard® 12.5mm</p> <p>Side 2: Consisting of outer layer RhinoBoard® 12.5mm listing fixed to both sides of the frameworks using Gyproc Sharp-point Screws 25mm (face layer) at maximum 220mm centres. 51mm Gyproframe® UltraSTEEL® Studs friction fitted into top and bottom 51mm Gyproframe® UltraSTEEL® Tracks at 600mm centres. Floor and head track fixed with one line of proprietary fixing spaced at maximum 600mm centres. Gyproframe® UltraSTEEL® Deep Track is not required. Apply Gyproc RhinoTape® to all joints and internal corners. Install Gyproframe® Corner Bead to all external corners</p> <p>Skimmed Finish: Cover entire drywall surface with 1 layer of RhinoLite® Multipurpose Plaster, leaving wall surface prepared for painting.</p> <ul style="list-style-type: none"> • Wall system: Gyproc Classic Wall System 51F30S30 • Stud spacing: 600mm • Fire rating: 30 minute (SANS 10177-2) • Sound rating: 30dB  <p>Isover Cavitylite semi-flexible non-combustible light weight fibreglass Glasswool acoustic wall insulation, butt joined between studs with glasswool tissue facing the installer, all in accordance with manufacturer's recommendations.</p> <ul style="list-style-type: none"> • Product: Cavitylite • R-value: 1.34m² K/W • Thermal conductivity: 0.038 W/m²/K. 

RAMPS

RAMPS

Reinforced concrete RAMPS as shown on plan and to comply with Part S of the Sans 10400. As per Engineer's detail. Refer to details

STAIRS

STAIRS - CONCRETE

The treads of steps and upper surfaces of external thresholds shall be rendered non-slip by reeding same near front edge for a width of 100mm and stopped 100mm from ends.

Reinforced concrete stairs as shown on plan and to comply with Part M and Part S of the Sans 10400. As per Engineer's detail. Refer to details.

CILLS

All new cills to match existing brick-on-edge cills, built into brickwork. (refer to relevant details and Window Schedules)

FASCIA'S, BARGE BOARDS & EAVES SOFFIT

General Notes

All existing fascia's, bargeboards and eaves soffits to be removed and replaced with new.

Fascia Boards

Everite medium density plain ungrooved Nutec fascia boards (Code: 41-202), size 225 x 12mm, fixed to 38 x 38mm filter batten and 38 x 38mm support battens between rafters twice screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with PVC H-profile fascia joiner between boards and at board ends.

- Finish: 38 x 38mm filter batten and 38 x 38mm support battens between rafters
- Thickness: 12mm
- Width: 225mm

Barge Boards

Everite moulded Nutec moulded barge boards (Code: 721-780), size 260 x 260mm, fixed to 38 x 38mm trimmer batten and purlin twice screwed with 12 x 40mm countersunk brass screws with PVC H-profile barge board joiners between boards and at roof apex.

- Finish: 38 x 38mm trimmer batten and purlin
- Thickness: 260mm
- Width: 260mm

Eaves Soffit

Everite Nutec 6mm thick plain ceiling boards, manufactured in accordance with SANS 9001:2000 carrying SANS 803:2005 mark, fixed to 38 x 38mm battens at 600mm centres using 32 x 2,5mm serrated ceiling nails at 150mm centres, minimum of 12mm from edge of board. All joints to be covered using H-profile white PVC jointing strips, all in accordance with the manufacturer's recommendations. 19x19mm quarter round meranti cover strips on perimeter.

RAINWATER GOODS

General Notes

All existing gutters and downpipes to be removed.

Gutters & Downpipes

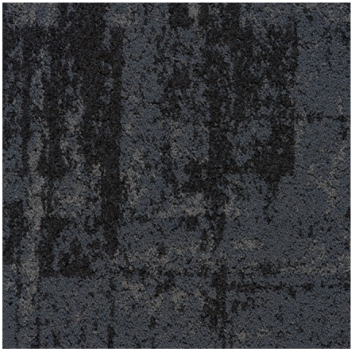
Watertite Guttering domestic Ogee profile aluminium H3003h 14 seamless gutter, overall size 125x85x0.6mm coated internally and externally including cut and mitred angles covering with mitre strip externally, stop ends crimped and all sealed on inside with Dow Crowning 813 silicone sealer. Gutters hung by nail fixed internal aluminium hangers at 800mm centres.

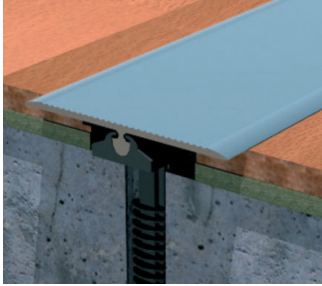
Rectangular fluted downpipes, size 75 x 50 x 0,5mm thick as per colour schedule fixed to walls with pre-painted downpipe cleats using nail-in anchor fixings. All as per

	manufacturer's specifications.
--	--------------------------------

ROOFS		
<p>General Notes All existing roof coverings including asbestos roof sheeting to be removed by an appointed specialist. All existing insulation, battens, fasteners and items pertaining to the existing roof covering to be removed as well.</p>		
New Roof Sheeting to Existing Building	R1	Remove existing slate tiles & battens from existing timber trusses and install Safintra 0,53mm thick 686mm cover Tufdek® IBR Rain Cloud COLORPLUS® roof sheeting, (on Bubblefoil D10 underlay) fixed to new 76x50mm SAP purlins at 2100mm centres and eaves and end-span purlins at 1800mm centres (final spacing to be calculated by an engineer) using Fixtite® self tapping fasteners or Safintra approved fasteners with EPDM seals. Purlin fixed to every second crest of each sheet and at all crests at sheet ends. Side laps to be secured using Fixtite® stitching fasteners or Safintra approved fasteners at centres not exceeding 500mm and sealed with Butyl tape with minimum 230mm end laps sealed with a double row of Butyl tape, all in accordance with the manufacturer's recommendations.
Roof Sheeting to New Building Extension	R2	Safintra 0,53mm thick 686mm cover Tufdek® IBR Rain Cloud COLORPLUS® roof sheeting, (on Bubblefoil D10 underlay) fixed to 76x50mm SAP purlins at 2100mm centres and eaves and end-span purlins at 1800mm centres (final spacing to be calculated by an engineer) using Fixtite® self tapping fasteners or Safintra approved fasteners with EPDM seals. Purlins fixed on new SA pine pretreated, prefabricated 114x38mm roof trusses, resting on new 114x38mm SA pine wall plates. Purlin fixed to every second crest of each sheet and at all crests at sheet ends. Side laps to be secured using Fixtite® stitching fasteners or Safintra approved fasteners at centres not exceeding 500mm and sealed with Butyl tape with minimum 230mm end laps sealed with a double row of Butyl tape, all in accordance with the manufacturer's recommendations.
Roof Underlay		4mm White Alububble® Code 2906, D10 White bubble bottom with foil backing top. If steel purlins, use in-conjunction with: <ul style="list-style-type: none"> White PVC coated straining wire placed at 383mm centres 24mm double-sided tape If timber trusses then no wire or tape needed.
Roof Accessories		Safintra Tufdek® COLORPLUS® accessories, fixed in accordance with the manufacturer's recommendations: <ul style="list-style-type: none"> Accessory : 120° x 462mm girth ridge flashing Accessory : 136° x 462mm girth valley flashing Accessory : 30° x 308mm girth headwall flashing Accessory : 30308mm girth side wall flashing Accessory : 30154mm girth counter flashing Accessory : 30broadflute closure

FLOOR FINISHES		
<p>General Notes Finished floor levels as indicated on drawings. All surface beds, and structural elements to engineer's design and detail. All external thresholds to be weathered to fall away from building entrance. Contractor to present samples of all available paving colours & sizes to Architect for colour of pavers to be specified.</p>		
Wood Floated Concrete		Wood floated 30 mpa concrete surface bed with fall and thickness as shown. All salient edges to be neatly tool rounded. Brushed finish is to be perpendicular to the fall of the slabs.
New Screed	F1	New: All concrete floor surfaces to receive screed finish unless otherwise stated. Screed (minimum 30mm thick) receiving various finishes, to comprise 1part cement to 3 parts approved sand by volume - unless otherwise stated to engineers specification. The

		<p>screed is to be laid before the concrete surface bed has matured otherwise the exposed surface of the concrete is to be thoroughly cleaned with a wire brush and a coat of neat cement grout applied immediately before the screed is laid.</p> <p>Allow for difference in thickness of floor finishes when placing floor screeds</p>
Existing Screed	F2	<p>Existing:</p> <p>Remove all existing floor finishes including existing grout, adhesive and debris. Rake out cracks to a depth of 10mm with a 3mm thick masonry grinder, sunning along the length of the crack. Clean the crack removing all loose and friable objects. Seal the crack using Sikadur – 42za all applied as per the manufacturers' instructions</p> <p>Allow for difference in thickness of floor finishes when placing floor screeds</p> <p>All specifications considered or similar approved by architect.</p>
Floor Tiles:	F3	<p>Tiletoria M Full Body S&P tile: Dolomite Matt: Size 600 x 600mm, fixed to internal floor screed with tile adhesive (elsewhere specified) mixed with liquid latex-based additive in lieu of water with joints continuous in both directions and grouted with tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.</p> <p>All specifications considered or similar approved by architect.</p>  <p>Dolomite Matt</p>
Carpet	F4	<p>Belgotex earth rock colour stonehenge stainproof SDX & AMP; stainproof eco SDX (solution dyed nylon) tufted colour placement nexbac SABS class 2 fire rating grade heavy commercial commercial carpet tiles, size 500 x 500 x 9mm thick, all installed by approved installer in accordance with SANS 10186:2010, the code of practice for textile floor coverings.</p> 
Vinyl Floor Planks	F5	<p>Polyflor Simplay Wood loose lay Heterogeneous multi-layer flooring colour White Ash (Colour code: 2574), plank size 1219 x 178 x 5mm thick, fixed floating. Expansion gaps of 10mm from walls and any vertical structures to be maintained during installation. All expansion gaps to be concealed using Polyflor flooring profiles, installed with manufacturer's recommendations.</p> <ul style="list-style-type: none"> • Floor range: Simplay Wood • Colour: White Ash. 

Transition Profile: Tiling/Carpet/Vinyl Note: to be installed internally at all tiling/carpet/vinyl transitions.	F6	<p>Genesis interior slimline fast fit system colour Matt Silver (Code: TCS409.81), size 40 x 40mm x 0,92m long on vinyl floor covering, fitted to floor screed with adjustable nylon dowels.</p> 
Existing Clay Pavers	F7	Existing Pavers to be thoroughly cleaned.
New Clay Pavers	F8	<p>COROBRIK PAVER PA – 45° Harringbone with border. 220 x108.5 x50mm, on top of 30mm sand binding layer, on top of one layer 250 micron embossed polyethylene dampproof course (SANS 952-1:2011), sealed at laps with PVC self-adhesive tape, on top of well compacted 150 hardcore fill. New paving to match existing paving. Contractor to present samples of all available paving colours & sizes to Architect for colour of pavers to be specified.</p>

SKIRTINGS

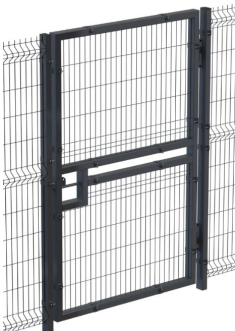
General Notes All existing timber skirtings to be carefully removed, sanded (remove old paint), refurbished and reinstated. If repair is unviable, new meranti skirtings to be installed.		
Existing Timber Skirtings	SK1	All existing timber skirtings to be carefully removed, sanded (remove old paint), refurbished and reinstated. If repair is unviable, install new meranti skirtings to match existing.
New Timber Skirtings	SK2	<p>19mm x 69mm selected wrot meranti skirting, slightly rounded on top leading edge and ploughed on rear face, steel nailed to walls at 600mm centres. The skirting is to have splayed header joints and mitred angles, complete with 19mm meranti quarter round. Surface to be dry, sound and clean.</p> <p>Note: all nails to be punched, holes and joints filled with wood filler and all sanded flush and smooth prior to painting. Gaps between skirting and floor finish to be neatly silicone sealed with excess silicone wiped off. Paint as per paint spec</p> <p>All specifications considered or similar approved by architect.</p>

WALL FINISHES

New plaster	W1	<p>Cement plaster for one coat work on brickwork shall be composed of 4 parts sand to 1 part cement for internal work and 5 parts sand to 1 part cement for external work, all measured by volume. Plaster to walls shall not be less than 10mm and not more than 20mm in thickness. Walls shall be well wetted prior to commencement of plastering. Plaster shall be returned into reveals and soffits of openings and all angles shall be true and straight with round salient angles. Plaster to be smooth and of uniform texture throughout, free of cracks, hollow spots and properly bonded to brickwork. Plaster to each plane or wall to be done in one operation/application, without interruption or joints. No chasing whatsoever is permitted into completed plasterwork. Plaster to walls is to be perfectly straight and plumb, without undulations. Walls to be painted – Refer to Paint Specification.</p>
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Bathroom Splashback Tiles (Disabled Toilet Only)	W2	<p>Union Tiles Yek ceramic tiles (Code: 1YEKWHIWALGLO200), size 200mm x 200mm, fixed to internal wall plaster backing with TAL tile adhesive (elsewhere specified) mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds.</p> <ul style="list-style-type: none"> • Location: Internal • Surface: Wall • Tile: Yek 1YEKWHIWALGLO200 • Tile size: 200mm x 200mm.

FENCE

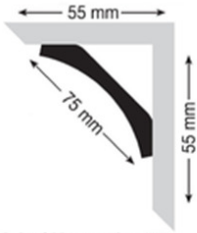
BETAFENCE (or similarly approved by Architects)	<p>EasyView fence (or similarly approved by Architect) to be mounted and installed strictly as per manufacturer specifications. Colour: charcoal. All necessary fence & gate accessories to be included (as per manufacturer's recommendation). Items include:</p> <p>1710mm x 2480mm fence panels Metal Fixators (Includes Set Of Security Bolt And Nut) Easyview Base Plate 150mm X 100mm X 230mm (Upright) EasyView - Post Caps 60 X 40 RAL7021 Anthracite EasyView 2.1m Fence Posts (60 X 40mm Rectangular Tube) BETAFENCE EasyView 1.71m x 1.07 Gate (1230mm post to post). Colour: charcoal. REFER TO GATE SCHEDULE.</p> 
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CILLS

New Brick On Edge Cill	New Brick On Edge cills to match existing. (refer to door & window Schedule)
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CORNICES

General Notes
All existing ceilings and cornices to be removed

Cove Cornice	<p>Plain 75 polystyrene cove cornice (Code: 605-750), overall size 55 x 55mm high, fixed to wall and ceiling using water-based adhesive, leaving 2mm vertical joints between sections. All vertical joints to be sealed with adhesive prior to painting, all in accordance with the manufacturer's recommendations</p>  <p>Plain / Nucornice 75</p>
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CEILINGS

General Notes

All existing ceilings, brandering and cornices to be removed.

New Skimmed & Painted Plasterboard Ceiling	C1	Remove existing ceiling and install RhinoBoard® 12.5mm fixed to Gypframe® UltraSTEEL® Brandering spaced at 600mm centres clipped onto Gyproc Suspension Brackets. Gypframe® UltraSTEEL® Brandering suspended using Gyproc Suspension Bracket at 1200mm c/c. Gyproc RhinoTape® to all joints and internal corners. Install Gypframe® Corner Bead to all external corners. Cover Gyproc RhinoTape® with 1 layer of Gyproc Rhinolite® Crestestone®. Wall Angle – Fix Gyproc Rhino Cove Cornice™ 75mm.
New Ceiling Tiles	C2	Remove existing ceiling and install Isover MINERVAL™ A acoustic ceiling tiles (Size: 1200mm x 600mm. Thickness: 15mm) into the framework. Install Gypframe® D38FR Main Tees at 1200mm centres. Suspend Main Tee using Gyproc Hanger fixed to Main Tee web. Hangers to be at maximum 400mm from perimeter wall. Install Gypframe® D38FR Cross Tee at 600mm c/c to create a 1200mm x 600mm ceiling grid. Perimeter - Fix Gyproc M6 Wall Angle to the wall using fixings at 300mm centres. Fix Main Tee's to the wall using Gyproc Angle Cleats to ensure straight grid and stability.

SANITARY

General Notes

All existing sanitary fixtures (bathroom & kitchen) to be serviced/repaired/reused/reinstated. New sanitary fixtures only apply to the Disabled Toilet.

Disabled Toilet: whb	S1	<p>Vaal Sanitaryware Flamingo Vitreous China Lavatory Basin colour: white (code: 7007), size 560 x 405mm with one taphole including integrated overflow and chainstay hole bolted to wall with two 10mm bolts (code: 8448z0) and sealed with silicone sealant where basin meets wall.</p> <p>Cobra Watertech 515-21 / Feasnkea-0gt0050 / 6002194030393 medical mixer. Pillar type, elbow action. With 1/4 turn ceramic disc head parts, adjustable inlet connections with wall flanges. Swan neck aerated swivel outlet. 1/2" bsp male iron connection ends</p> <p>Cobra Watertech 32mm chrome plated deep seal bottle trap with outlet for 40mm pvc (code: 345/40) including telescopic pipe set (code: s-pt32), tail pipe for 340 (code: c-342/1) and chrome plated wall flange for tail pipe.</p> <p>1 no. Cobra Watertech 32mm chrome plated slotted basin Aquawaste (code: 302-32).</p> <p>All specifications considered or similar approved by architect.</p>
Disabled Toilet: WC	S2	<p>Vaal Sanitaryware Pearl Paraplegic Vitreous China floor mounted paraplegic washdown suite colour white (code: 7300sc) comprising semi close couple 90° outlet open rim washdown pan and matching 9 litre cistern, including lid, fitments and purpose-made chromium plated side flush lever mounted on opposite side to the sidewall.</p> <p>Contractor to note that the bottom inlet water supply is to be on the same side of the cistern as the flush lever.</p> <ul style="list-style-type: none"> No. 1 x pvc straight outlet with "S" or "P" bend trap. No. 1 x double flap, heavy duty plastic toilet seat and lid to be securely fitted. <p>Colour: white.</p> <p>No. 1 x Cobra watertech stella 15mm chrome plated undertile stoptap (code: 3338st-15) with c connections and sliding wall flange, manufactured in accordance with sabs 226:2009 type 2 (bs 5412), for control of water supply to cistern only. Flush handle on the left</p> <p>All specifications considered or similar approved by architect.</p>
Mirror: Staff Toilet	S3	<p>Glassmen 1000 x 6 x 5mm silvered, float glass, copper backed mirror, polished edges and pre-drilled fixing holes, to comply with sabs 1236 - class a, fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete. Mirror size</p> <p>All specifications considered or similar approved by architect.</p>

Disabled Toilet: Grab rail	S4	<p>Franke CNTX par grade 304 18/10 stainless steel paraplegic grab rails (code: 359885), size 640 x 640 x 96mm deep with Franke fine grip surface, plugged and screwed to the wall with stainless steel screws.</p> <p>Franke CNTXBR 32mm diameter grade 304 18/10 stainless steel cistern back grab rail (code: 359910), size 750 x 206mm wide with Franke fine grip surface, plugged and screwed to the wall with stainless steel screws.</p> <p>All specifications considered or similar approved by architect.</p>
	S5	<p>Chairman industries 32mm stainless steel hinged door pull handle (code sr3)</p> <p>All specifications considered or similar approved by architect.</p>
JOINERY		
Cupboards: Kitchen? Reception	J1	<ol style="list-style-type: none"> 1. All exposed edges of melamine to receive a 2mm thick pvc impact edging to match melamine doors. 2. Large white screw plastic angle brackets. Fit correct size to support shelves. 3. Cupboard core-(vertical, shelves, base and doors) made Innovis Unicolour 16mm melamine faced particle board or similarly approved by Architect; colour to later specification 4. Door hinges: BLUM MODUL Click on 125o opening angle screw-in hinge in nickel plated finish with 2D- cross mounting plate with 2 point fixing with 3,5mm x 15mm nickel plated chipboard screws including Soft close closing mechanism 5. Drawer runners: Blum® MOVENTO with BLUMOTION runners drawer system installed in drawers (elsewhere specified) with Pull-out shelf locks including all necessary fittings etc, all in accordance with manufacturer's recommendations. 6. Cupboard handles/pulls: Gelmar 30mm Satin Chrome knobs (code 1348) or similar approved. <p>Refer to Architect's joinery layouts & details.</p>
Counter Tops: Kitchen/ Reception	J2	<p>PG Bison 32mm thick Formica® LifeSeal® Worktops in Kristall™ Gloss™ finish with 6mm radius 2 Long Edges, manufactured in accordance with SANS ISO 4586:1995 and, constructed using 900mm wide boards (Reception Desk) and 600mm wide boards (Kitchen & Reception cupboards). All in accordance with the drawings.</p> <ul style="list-style-type: none"> • Application: Horizontal • Product: Formica® LifeSeal® Worktop • Surface finish: Gloss™ • Colour: Kristall™ • Impact resistance: Medium to High traffic <p>Refer to Architect's joinery layouts & details.</p>
GENERAL		
Handrails	G1	<p>1000mm high 50 Ø Galvanised mild steel pipe as handrailing-continuous welded to be securely wall mounted galvanised mild steel 6 x 80xmm diameter brackets at 1000ccs maximum.</p>
Balustrades	G2	<p>1000mm Galvanised mild steel balustrade panels consisting of approximately 8x40mm uprights with maximum spacing of 100mm ccs maximum in continuous approximate. The 8x40mm flat bar frame fixed to vertical galvanised mild steel PFC U-channel post of approximately 100x500mm bolted into concrete slab edge to engineer's specification.</p>

ANNEXURE B: Engineer's Drawings

For

Stellenbosch Municipality



STELLENBOSCH

STELLENBOSCH • PNIEL • FRANSCHHOEK

MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

-Compiled by-

F R A M E
c o n s u l t i n g e n g i n e e r s

FRAME's drawings shall be read in conjunction with all relevant architects, consultants and specialists drawings. Discrepancies shall be referred to the designer prior to construction.

1. General

- The Contractor must comply with all the conditions and regulations of the Local Authority.
- All dimensions must be check on site.
- All materials to SANS approved.
- All construction work will be in accordance with the relevant clauses of the SANS 10400 and SANS 1200.
- Any discrepancies should be reported to the designer.

2. Setting out

- All column and walls are centered on grids unless noted otherwise.
- All setting out to be checked with architect layout.

3. Concrete

- All concrete shall be cured for 7 days by an approved method - to be submitted to Engineer.
- Concrete Specifications;

Position	MPa (28days)	Stone (mm)
Blinding	15	19
Strip Footing	25	19
Bases	25	19
Columns	30	19
Slabs	30	19
Surface bed	30	19
Beams	30	19

- The position and method of forming of all construction joints shall be submitted to the Engineer for approval prior to construction.

3.4. Concrete cover to reinforcement;

Element	Bottom (mm)	Sides (mm)
Foundations	50	50
Columns	-	30
Slab	30	30
Beams (or Bar Ø, whichever is greater)	30	30

- Rebar to have min. lap length of 45Ø of the smallest bar, unless otherwise specified.
- The standard of concrete finish shall be as per finish schedule.

- All reinforcements must be approved by the Engineer before concrete is cast. The Engineer shall be given 24 hours advance notice of an inspection. Inspection will only be done if all steel is properly fixed, spacer blocks positioned, shuttering cleaned out and reinforcement checked by the contractor.
- Welding of reinforcement is not allowed unless it has been approved by the Engineer in writing.

4. Foundations

- Design bearing capacity of competent in-situ material = 120kPa.
- All foundation excavations shall be compacted in-situ and the Contractor shall perform OCP tests as indicated by the Engineer to verify the specified bearing capacity.
- Where above bearing capacity is not achieved, excavation is to proceed to depth of competent material, and backfilled with soilcrete (clean sand + 5% cement by mass) to soffit of foundation.
- Cast 50mm thick blinding under all reinforced foundations.
- All foundations must be inspected and approved in writing by the Engineer before concrete or blinding is placed.
- All foundation excavations shall be backfilled and the building platform reinstated with approved fill material.

5. Masonry

- All brick work above n.g.l to be NFP-clay bricks.
- All brick work below n.g.l to be NFX-clay bricks.
- All foundation, load-bearing brickwork and brick retaining walls: min. compressive strength 14 MPa with Class II mortar.
- All foundation wall cavities to be filled with 15MPa/13mm concrete and 75mm wide brickforce in every layer in each skin.
- For cavities not exceeding 75mm galvanized butterfly ties complying with SANS 28 or approved polypropylene ties shall be built into cavity walls at 5 ties per m² minimum.
- For cavities exceeding 75mm but not 150mm provide galvanized butterfly ties as per SANS 0164 at 5 ties per m² minimum.
- Adjacent columns, doors & window openings butterfly ties to be built into every 2nd layer of brickwork.
- Provide galvanized crimping wires at 5 wires per m² minimum for collar walls.
- Provide weep holes at max. 5th perpendicular joint.
- Provide 75mm wide brickforce in every 4th brick course in each skin.
- Provide pre-cast r.c. lintel over all brick work openings built in 230mm past side of opening, with 15mm brickforce in each skin in 3 brick course above lintel extending at least 600mm either side of opening.
- Provide 375µm D.P.C. over all doors, windows and at weep hole position.
- Sip joints: The top of all load bearing brickwork to be plastered smooth with 3:1 cement mortar. 2 Layers of 375µm gunplas placed on walls prior to casting of concrete.
- Allow 10mm soft joint (jointex) between beam/slab soffits and top of all non-load bearing brick/block walls. The same applies for vertical joints between concrete columns and brick/block walls.
- Provide 15mm brickforce in each skin in 4 consecutive layers below wallplate level, slab and beam soffits.
- Allow for movement joints in walls as required by SANS 10400.
- Wall finishes as per Finishing Schedule.

6. Structural Steel

- All structural steelwork shall be grade S355JR (350W) unless otherwise specified.
- All cold formed sections shall have a yield stress of 250MPa.
- All structural bolts shall be grade 8.8 galvanised unless otherwise shown.
- All welds shall be 6mm (minimum) continuous fillet welds and shall have electrode class E70XX unless otherwise shown.
- Proposals for all splices shall be submitted to the engineer for approval before fabrication commences.
- Shop drawings are to be submitted to the Engineer prior to manufacture. They are to show all positions, levels and orientation of cast-in plates and bolts.
- Stability of the structure during construction is the responsibility of the contractor. The contractor to submit to the engineer a proposal for erection sequence prior to manufacture.
- Corrosion Protection:
 - All steelwork primed & painted to spec.
- Touch-up after installation.

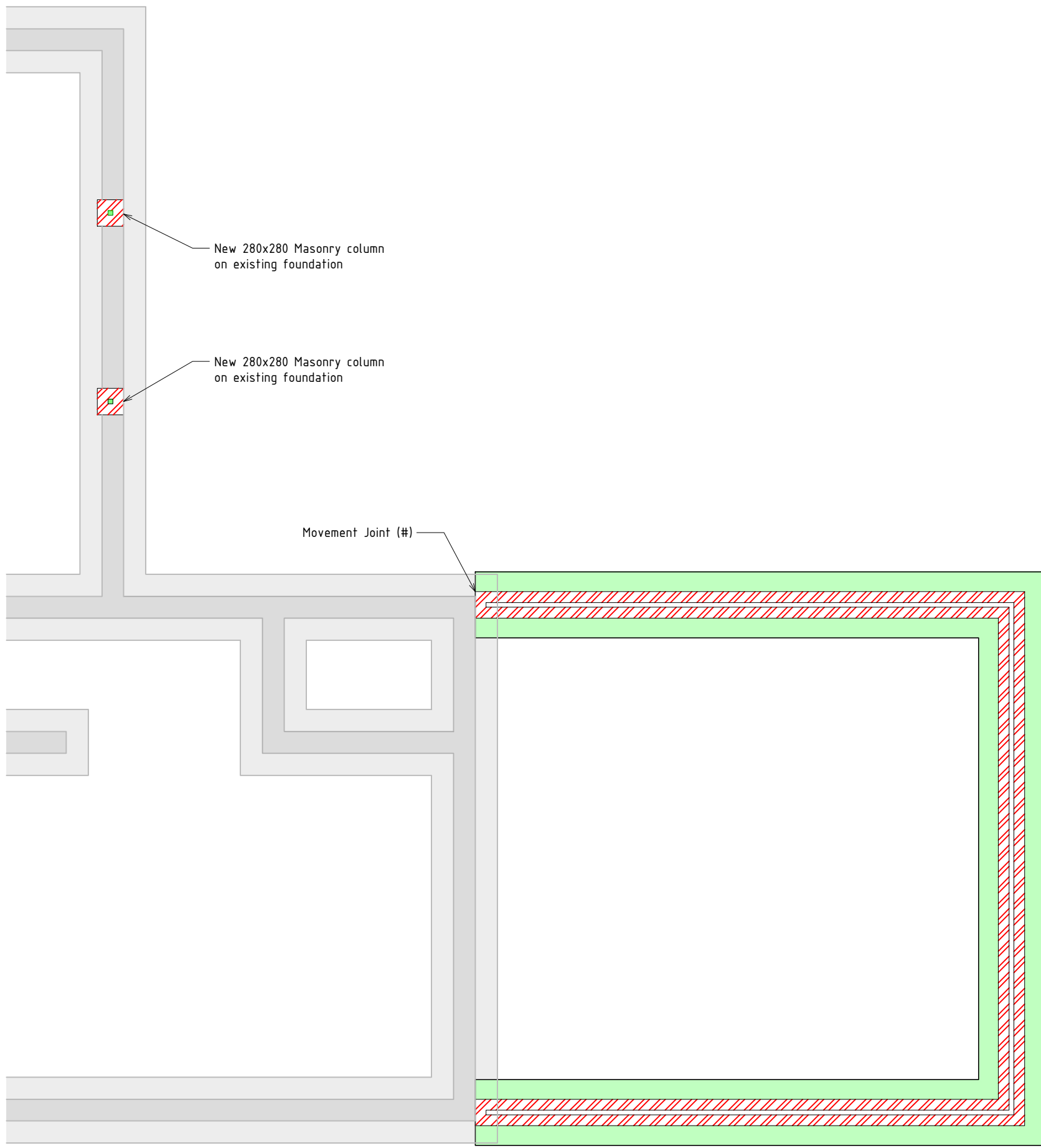
7. Scaffolding and Support Work

- All Scaffolding and Support Work must be accordance to SANS 085 code of practice and the relevant clause of OHS Act.
- All Scaffolding and Support Work must be designed by an experienced designer before erection.
- The Contractor must ensure that structural elements are adequately propped to carry construction loads from above.
- For continuously reinforced concrete structure, the formwork shall not be removed before the concrete of the last pour has reached allowable strength.
- The period for the removal of formwork after last pour shall not be less than those given below;

1	2	3	4	5	6	7	8	9	10
Strength class of cement									
Formwork to structural member									
42,5 R or higher									
Minimum time before removal of formwork									
d									
Weather									
Hot or normal									
Cool									
Cold									
Hot or normal									
Cool									
Cold									
Beam sides, walls and unloaded columns	0,5	0,75	1	0,75	1,25	1,5	2	3	4
Slabs with props left underneath	2	3	4	4	5,5	7	6	8	10
Beam soffits with props left underneath and ribs with a ribbed floor construction	3	4	6	7	9,5	12	10	13,5	17
Slab props including cantilevers	6	7	8	10	13,5	17	10	13,5	17
Beam props including cantilevers	7	9,5	12	14	17,5	21	14	17,5	21

NOTE: In cool weather stripping times may be determined by interpolation between the periods specified for normal and cold weather.

* A day is taken as 24 h.



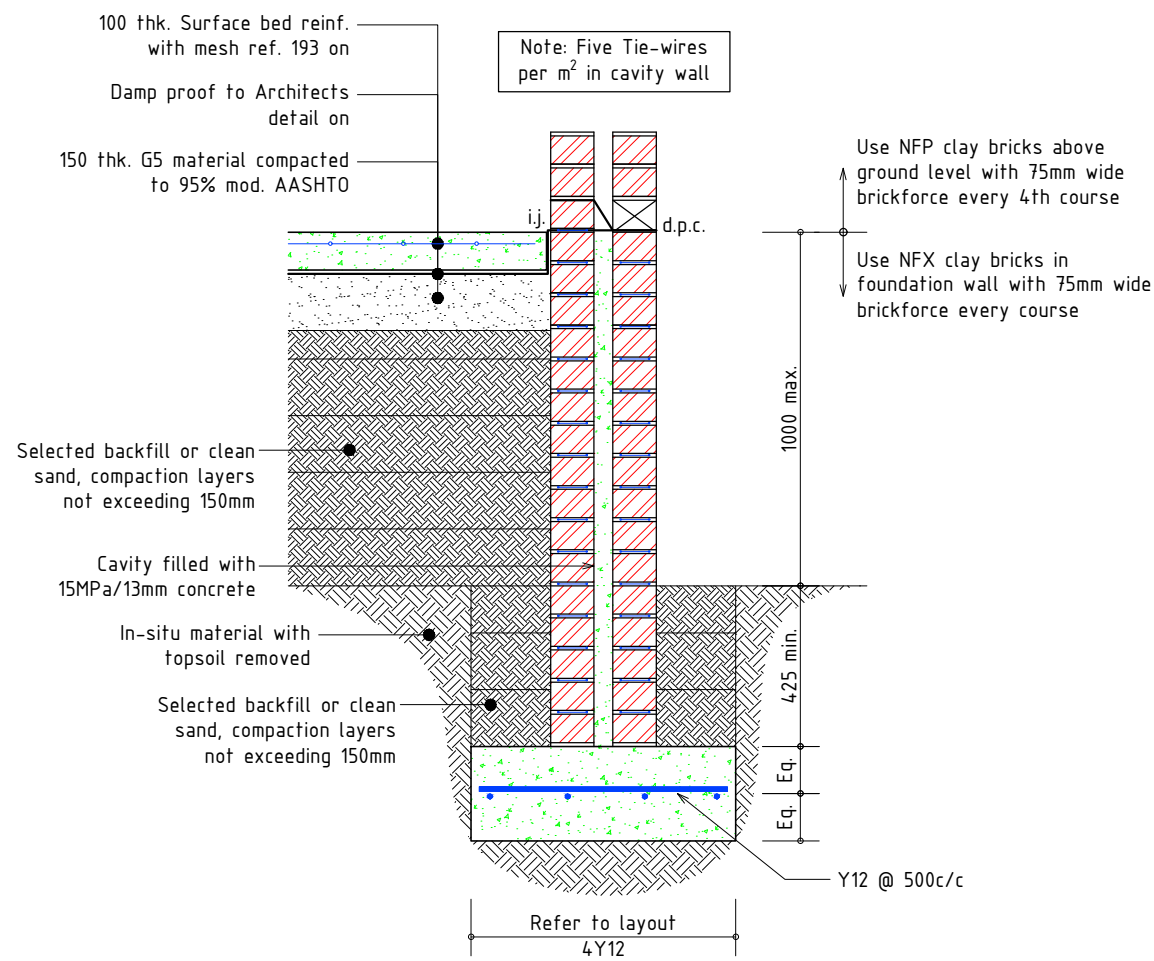
FOUNDATION - LAYOUT

1 : 50

Foundation schedule:	
Type:	Size:
280mm Load bearing	700x250 Deep
230mm Load bearing	700x250 Deep

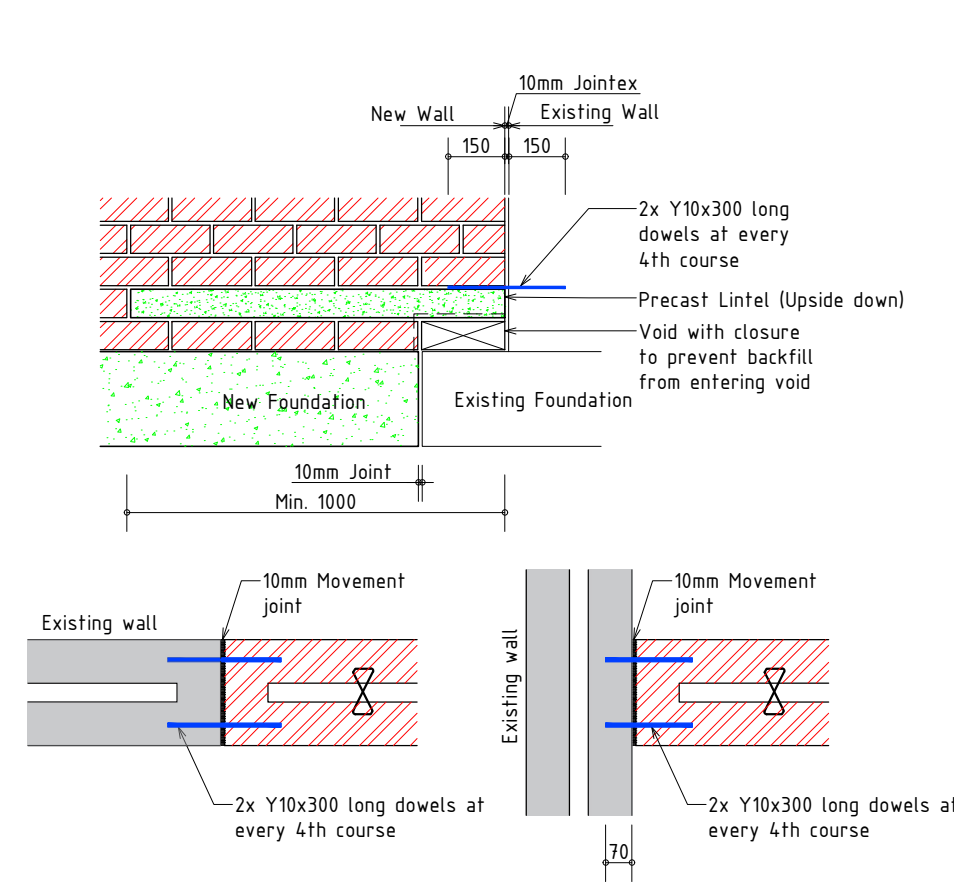
Notes:

- Foundation layout to be confirmed with Architect's wall layout.



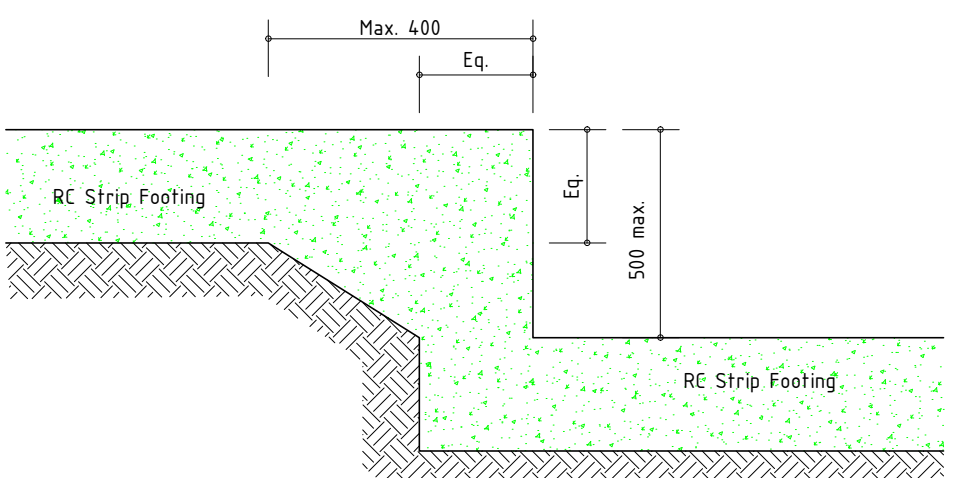
TYPICAL 280 FOUNDATION WALL - SECTION

1 : 20



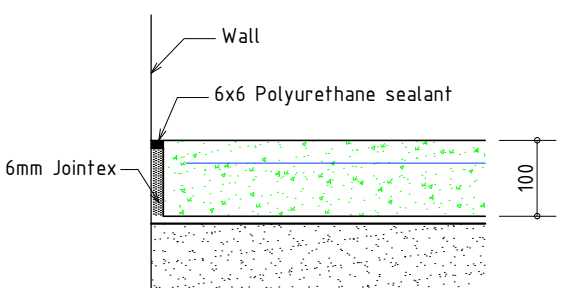
TYPICAL MOVEMENT JOINT (#) - DETAIL

1 : 20



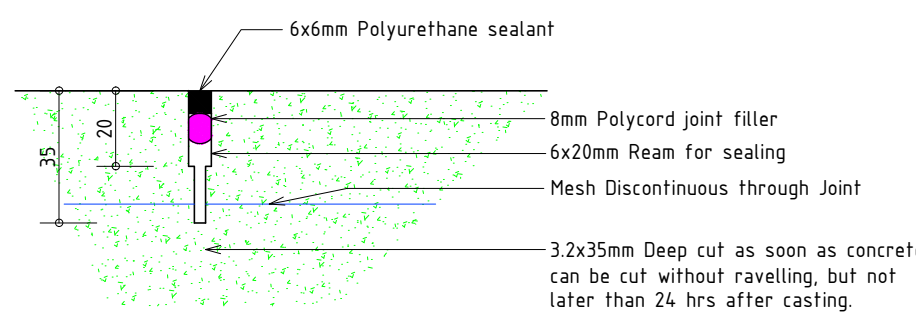
TYPICAL FOOTING STEP - DETAIL

1 : 20



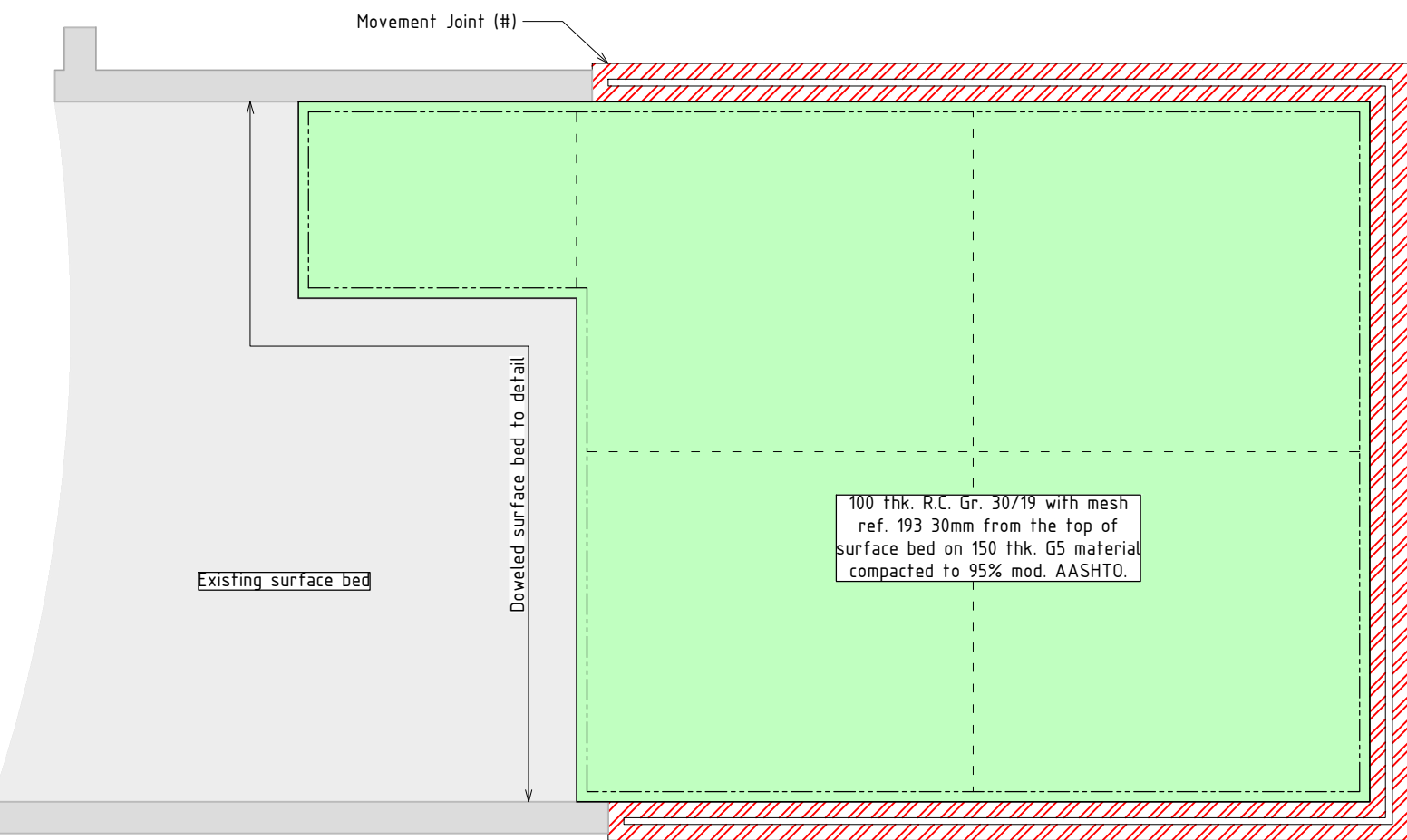
ISOLATION JOINT (i.j.) - DETAIL

1 : 10



SAWN JOINT (s.j.) - DETAIL

1 : 2



SURFACE BED - LAYOUT

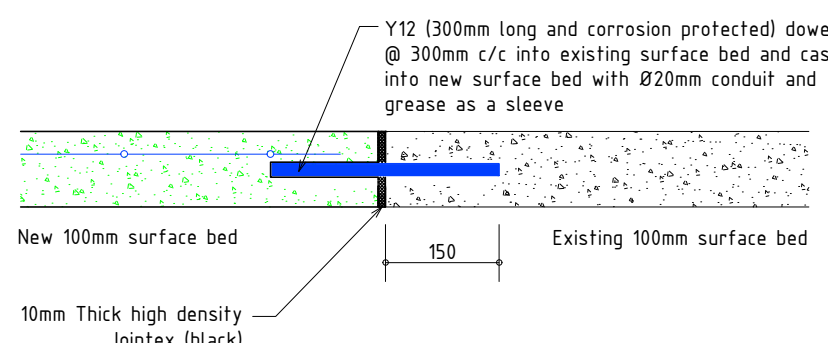
1 : 50

Line types:

- s.j. - Saw joint to detail
- i.j. - Isolation joint to detail

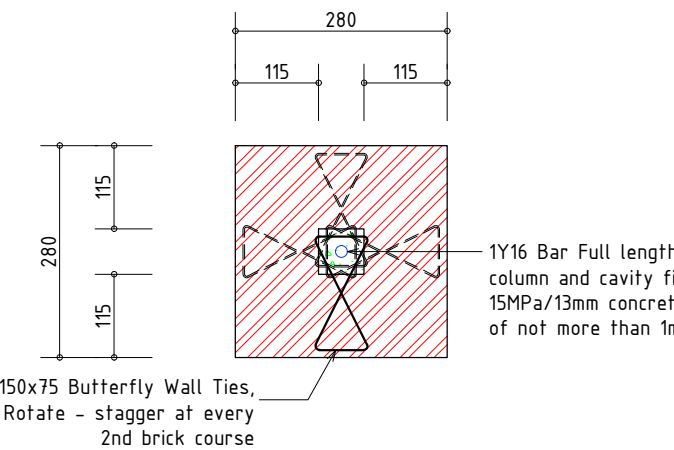
Notes:

- All conduits to be installed below mesh to accommodate saw joints.
- Cut saw joints as soon as concrete can be cut without raveling, but not later than 24 hrs after casting.
- All concrete shall be compacted with a poker vibrator.
- Concrete shall be properly cured for 7 consecutive days by approved method.



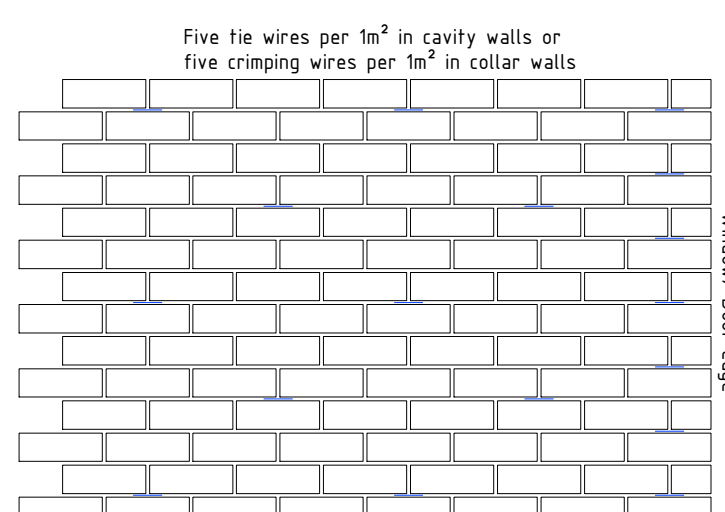
DOWELED SURFACE BED MOVEMENT JOINT - DETAIL

1 : 10



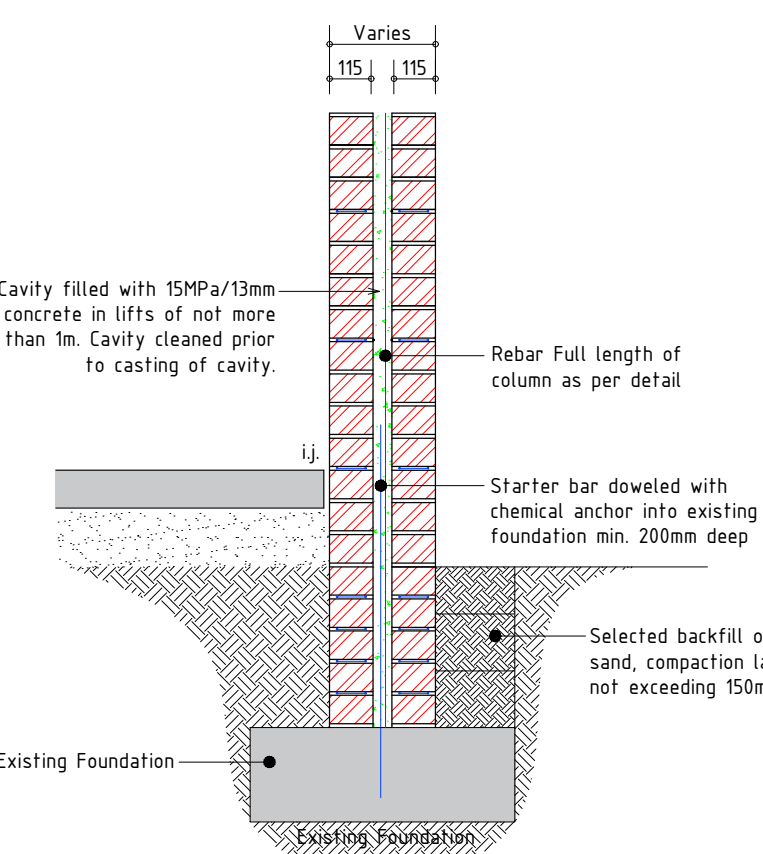
MASONRY COLUMN - LAYOUT

1 : 10



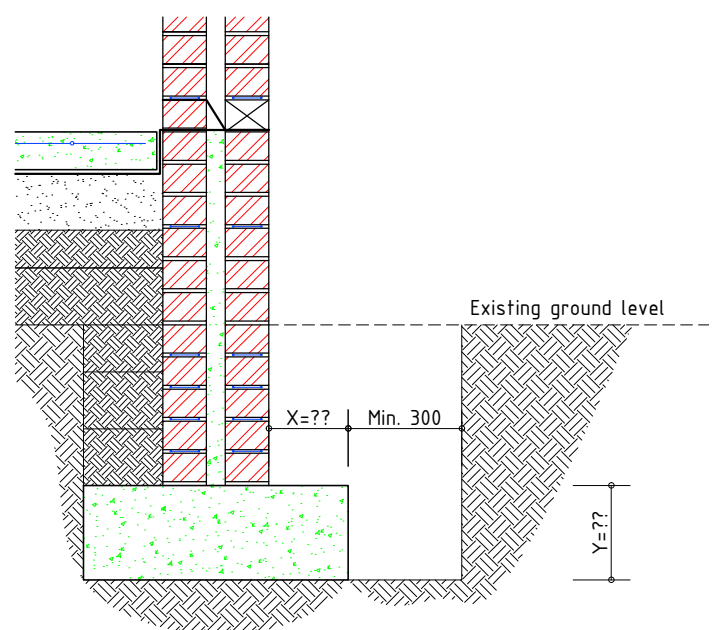
TYPICAL TIE WIRE - ELEVATION

1 : 20



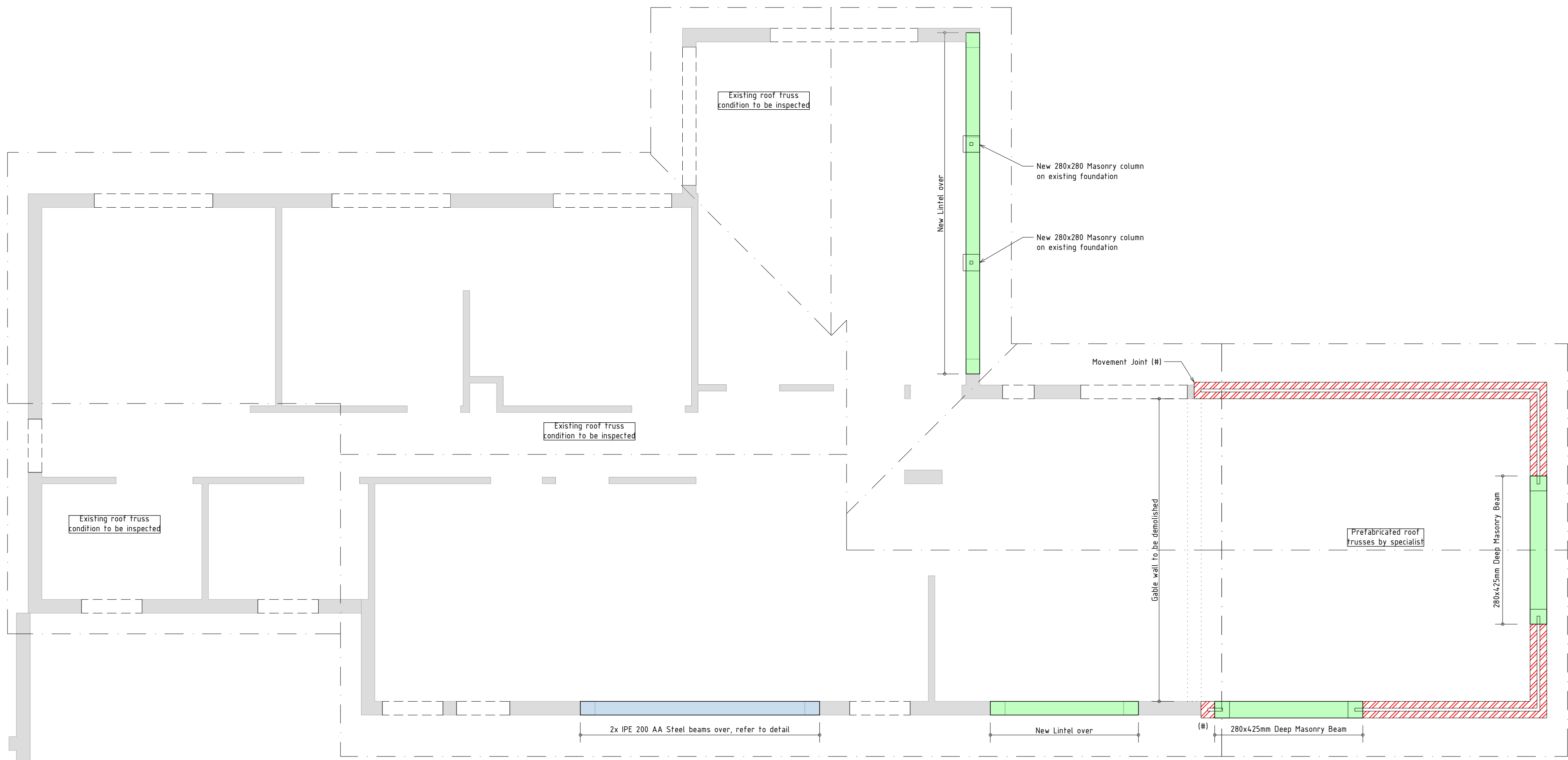
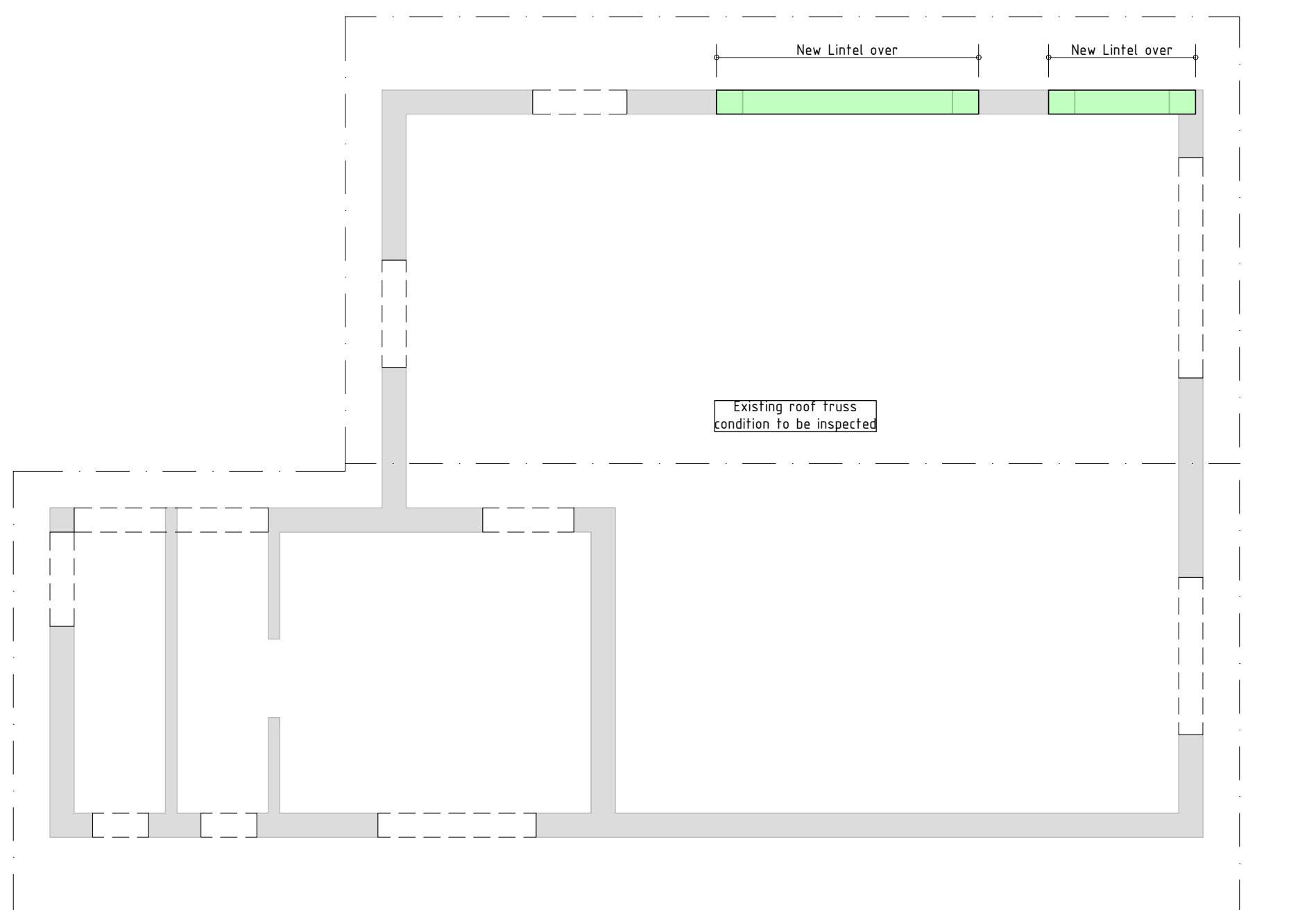
TYPICAL MASONRY COLUMN - SECTION

1 : 20

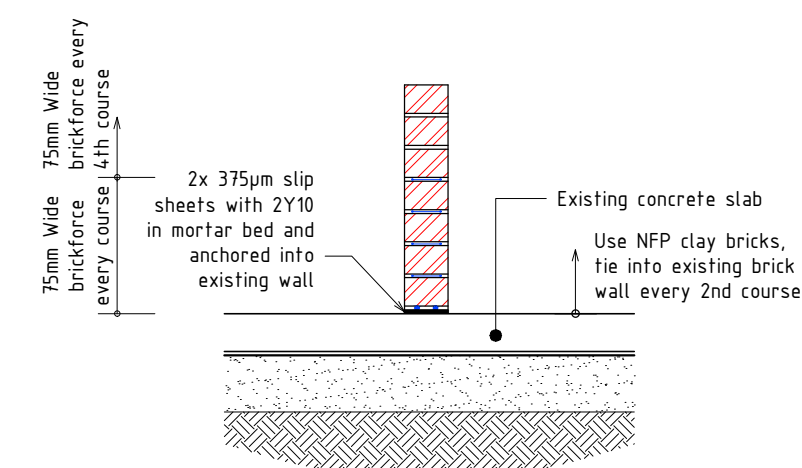


TYPICAL INSPECTION HOLE NEXT TO EXISTING FOUNDATION - SECTION

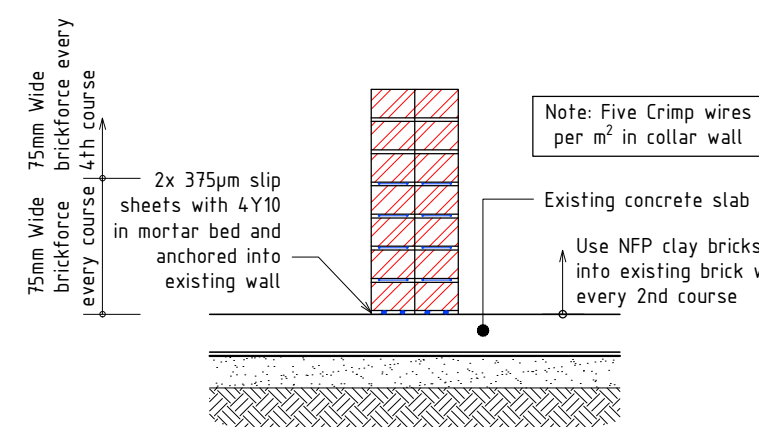
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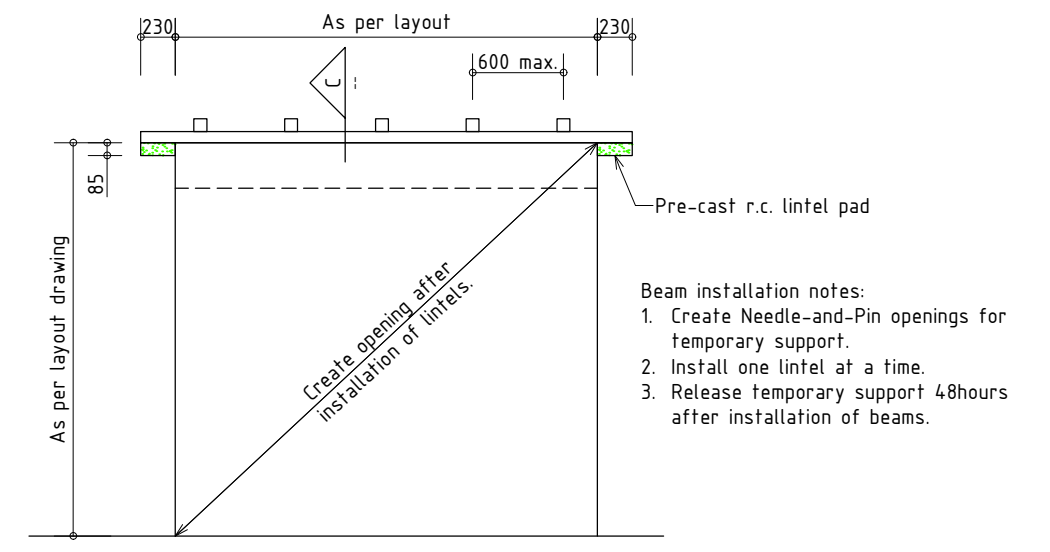
WALL PLATE - LAYOUT
1 : 50



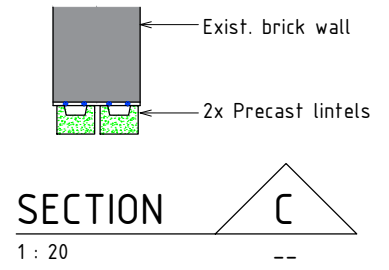
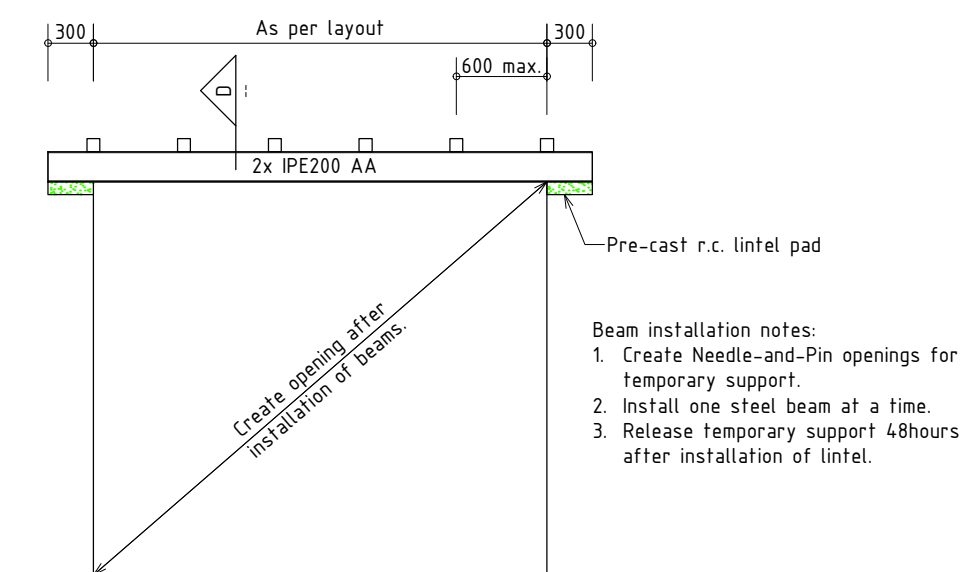
TYPICAL INTERNAL/NON-LOAD BEARING WALL ON EXISTING SLAB - SECTION
1 : 20



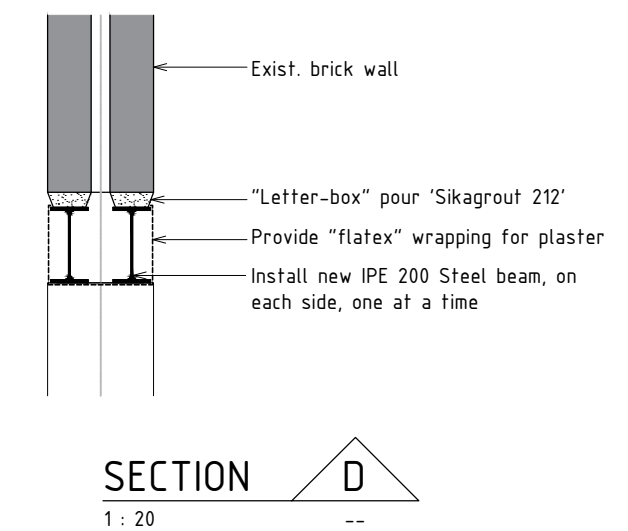
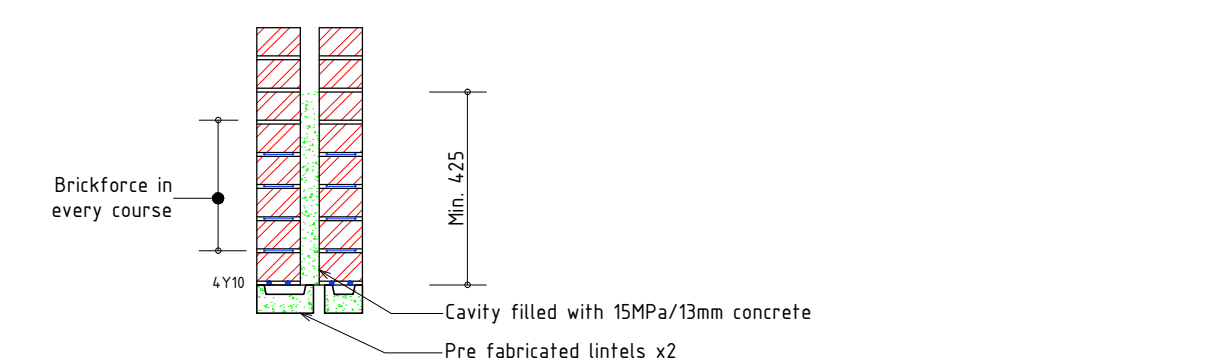
TYPICAL 230 WALL ON EXISTING SLAB - SECTION
1 : 20



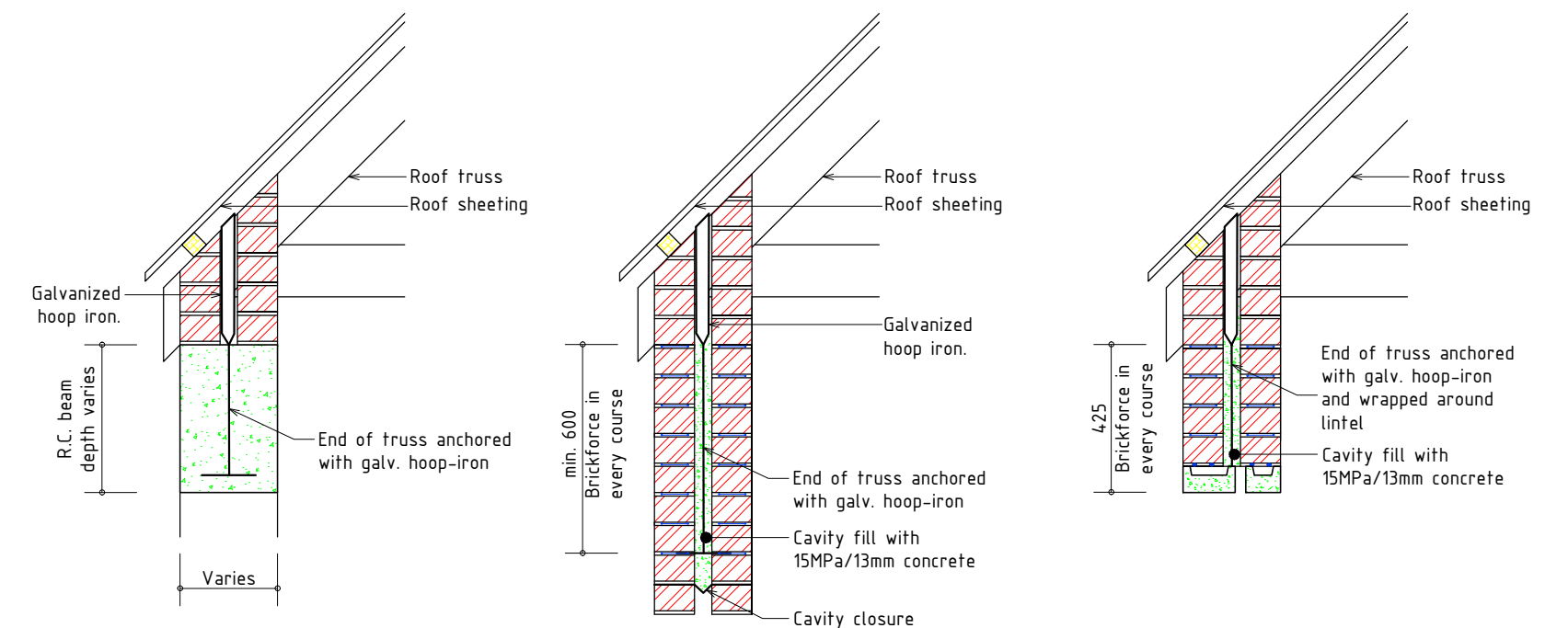
NEW LINTEL DOOR OPENING - ELEVATION
1 : 50



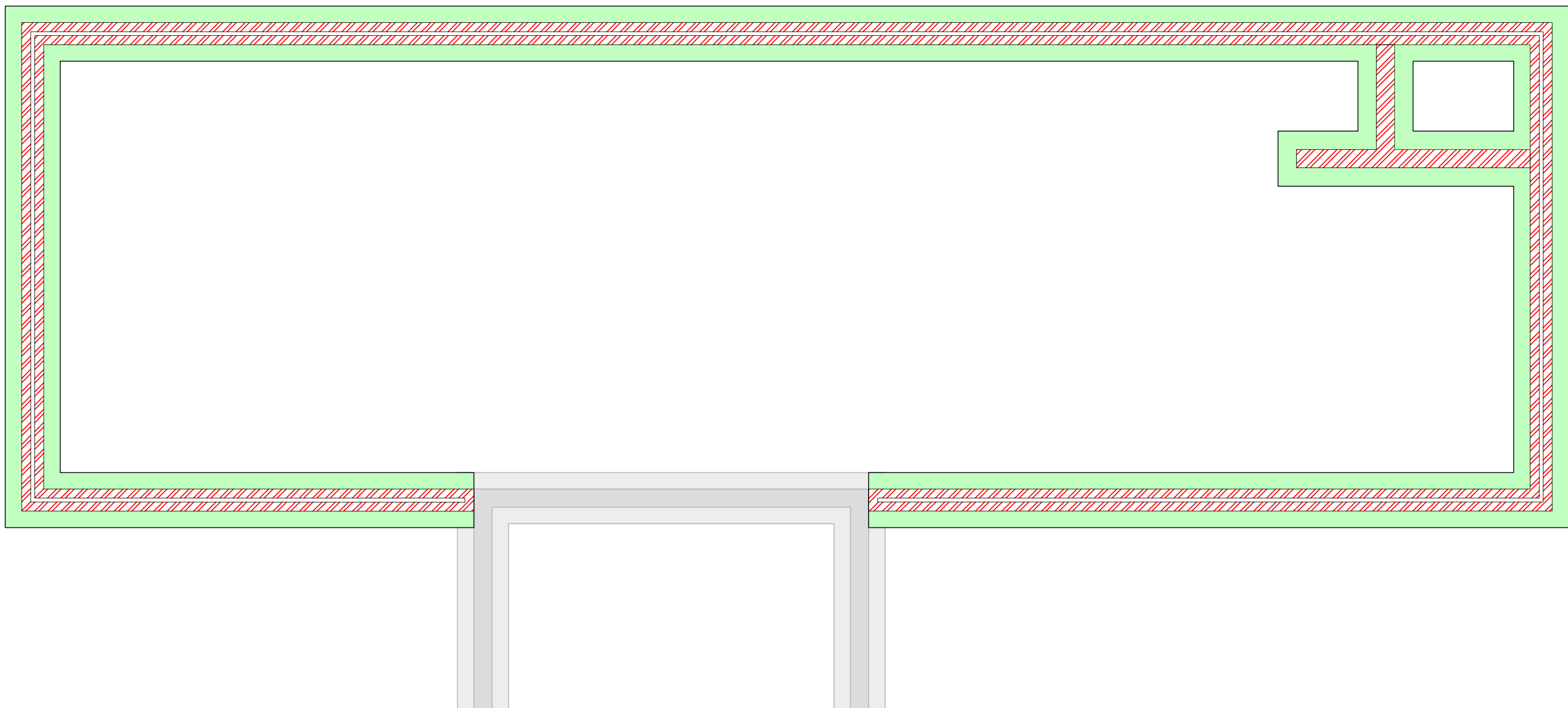
NEW STEEL BEAM OPENING - ELEVATION
1 : 50



TYPICAL MASONRY BEAM - SECTION
1 : 20



TYPICAL ROOF TRUSS CONNECTION - SECTION
1 : 20



FUTURE ADDITION FOUNDATION - LAYOUT

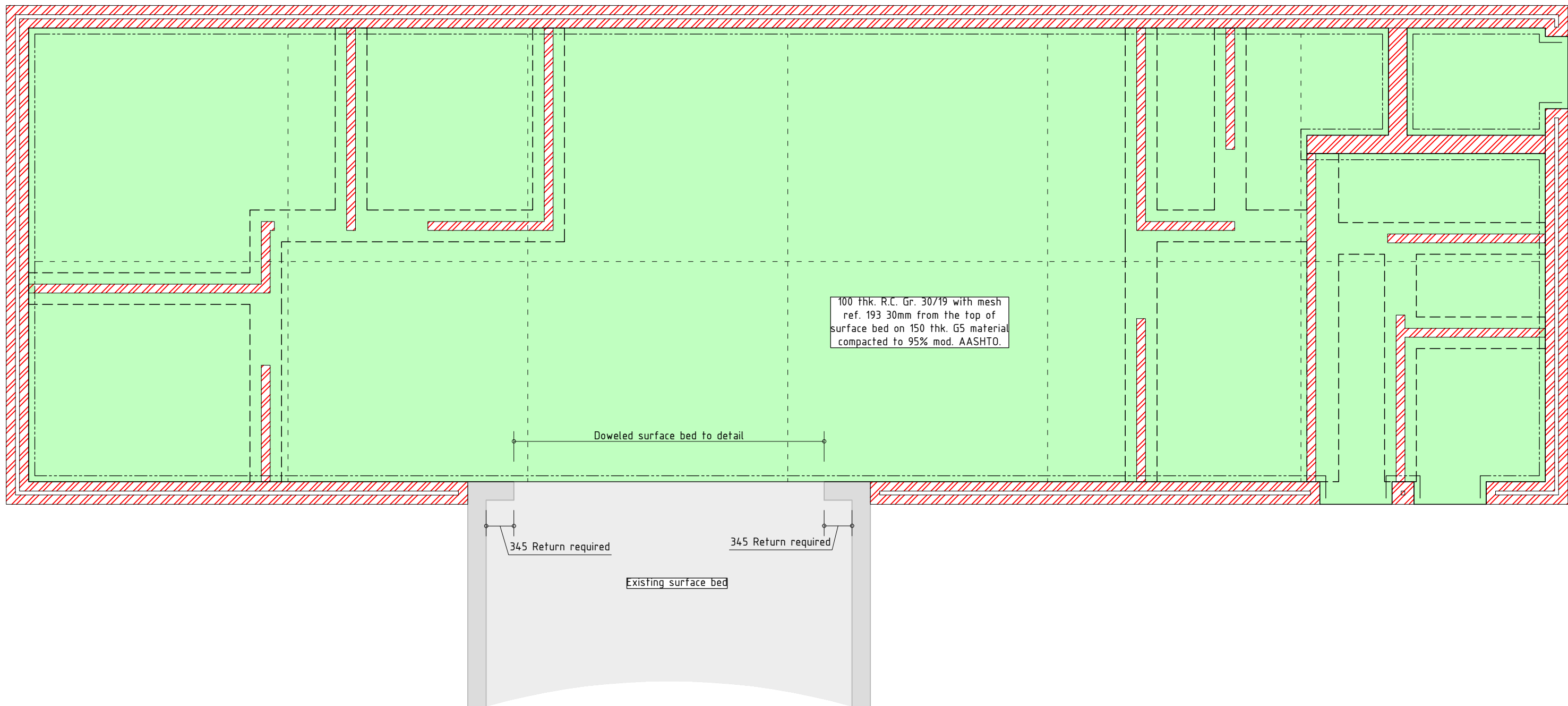
1 : 50

Foundation schedule:

Type: 280mm Load bearing
Size: 700x250 Deep
230mm Load bearing
700x250 Deep

Notes:

1. Foundation layout to be confirmed with Architect's wall layout.



FUTURE ADDITION SURFACE BED - LAYOUT

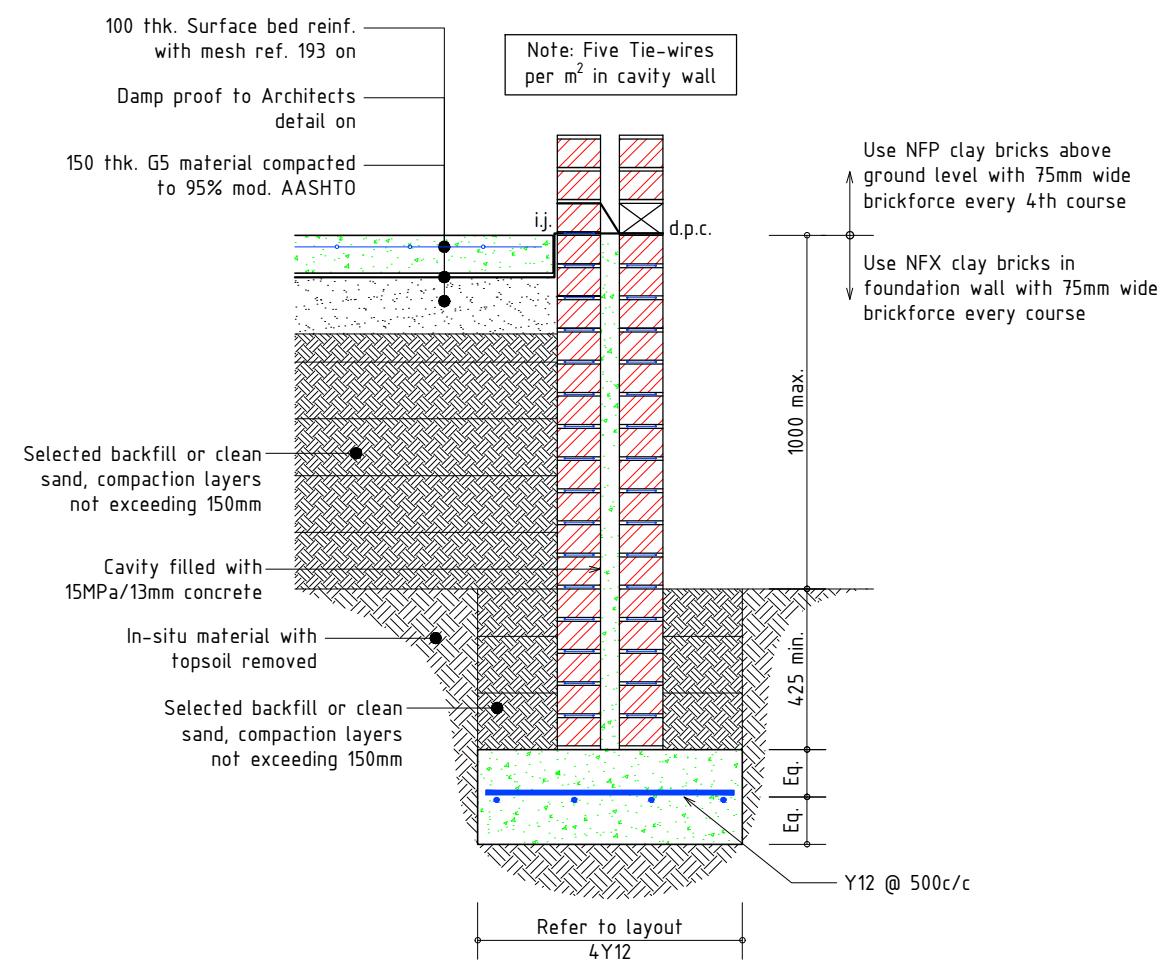
1 : 50

Line types:

s.j. - Saw joint to detail
i.j. - Isolation joint to detail

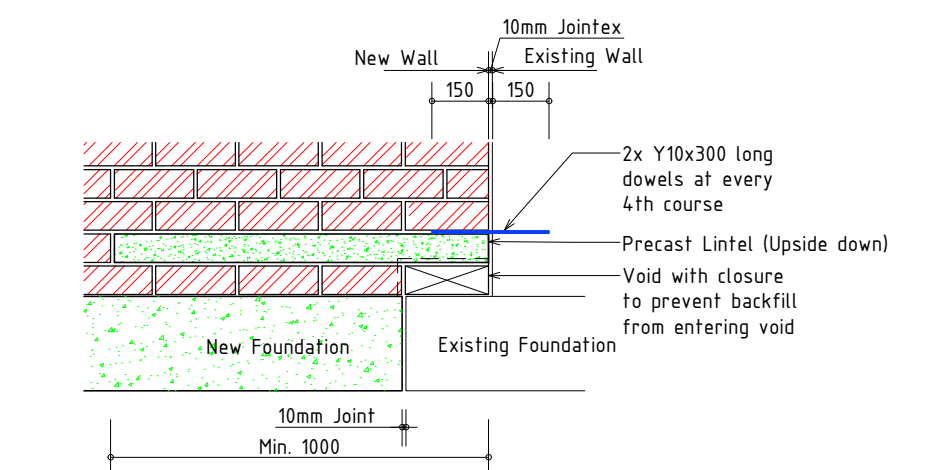
Notes:

1. All conduits to be installed below mesh to accommodate saw joints.
2. Cut saw joints as soon as concrete can be cut without ravelling, but not later than 24 hrs after casting.
3. All concrete shall be compacted with a poker vibrator.
4. Concrete shall be properly cured for 7 consecutive days by approved method.



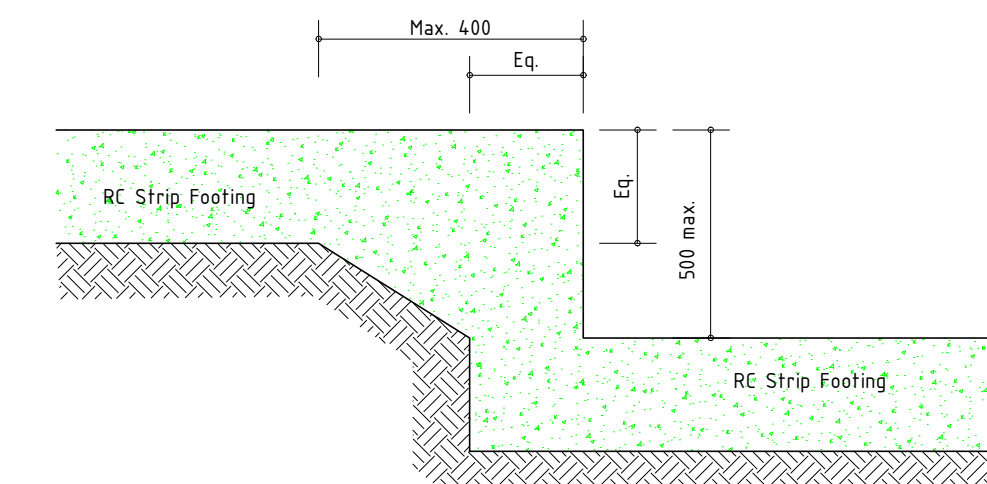
TYPICAL 280 FOUNDATION WALL - SECTION

1 : 20



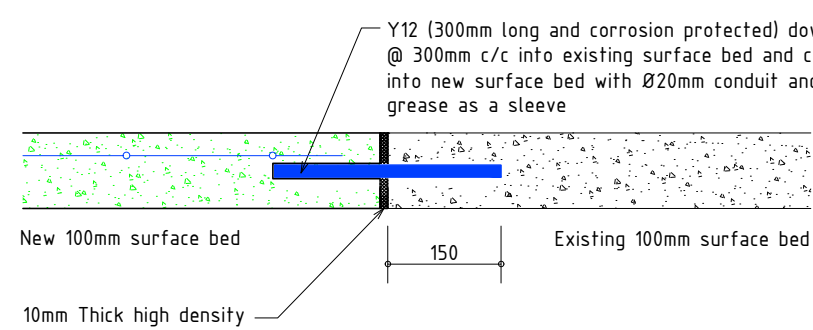
TYPICAL MOVEMENT JOINT (#) - DETAIL

1 : 20



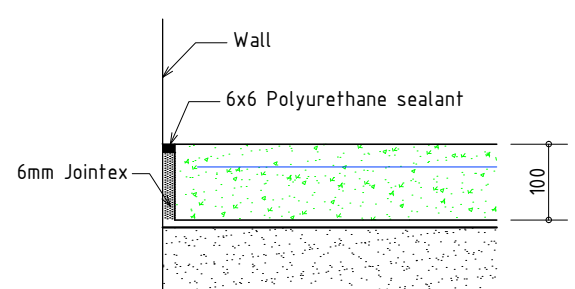
TYPICAL FOOTING STEP - DETAIL

1 : 20



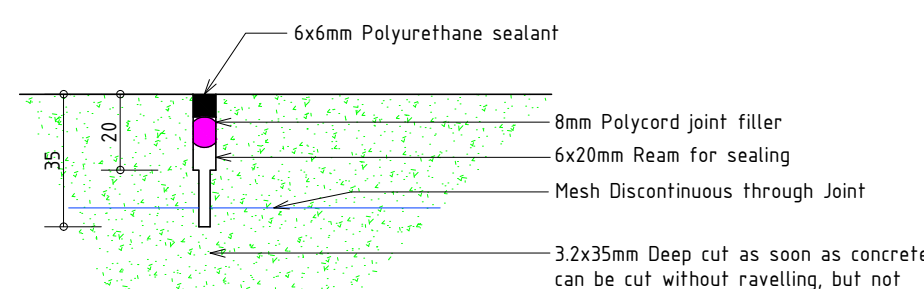
DOWELED SURFACE BED MOVEMENT JOINT - DETAIL

1 : 10



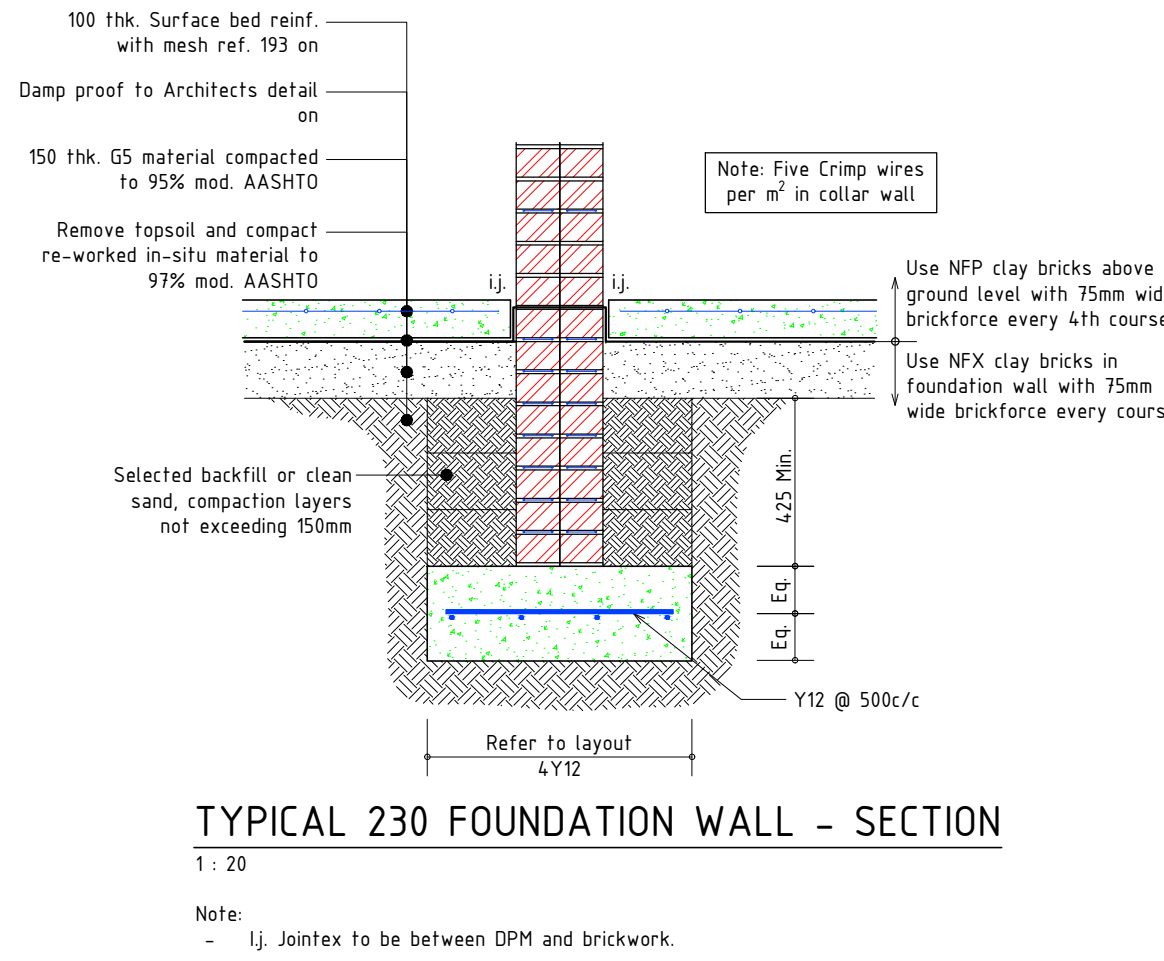
ISOLATION JOINT (i.j.) - DETAIL

1 : 10



SAWN JOINT (s.j.) - DETAIL

1 : 2

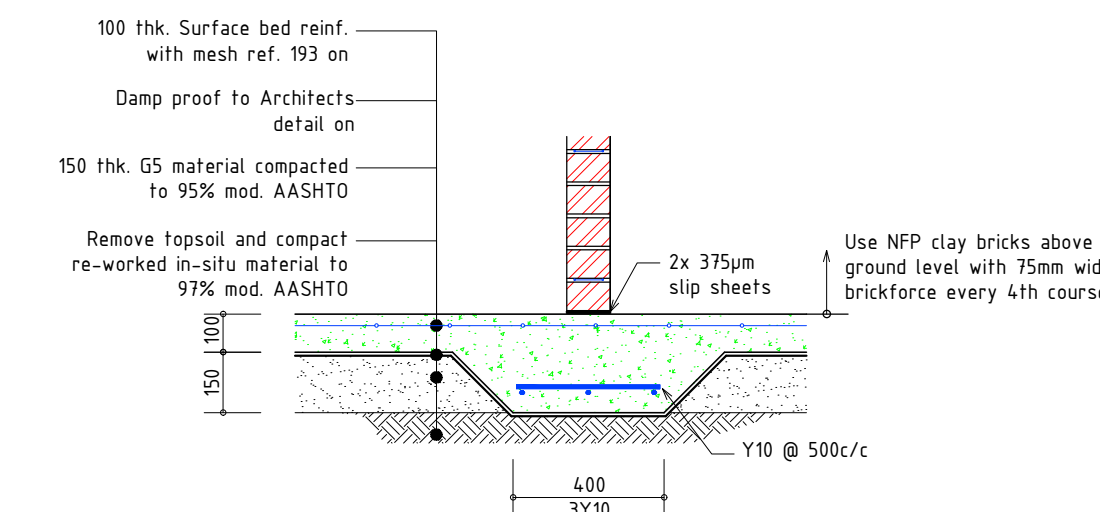


TYPICAL 230 FOUNDATION WALL - SECTION

1 : 20

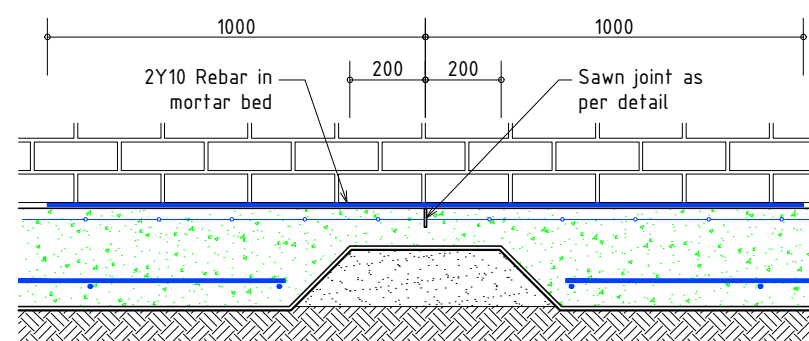
Note:

- i.j. Jointex to be between DPM and brickwork.



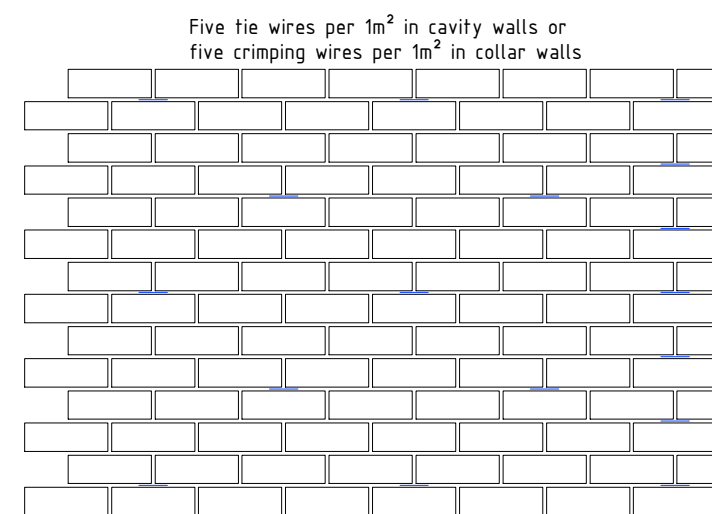
TYPICAL INTERNAL/NON-LOAD BEARING WALL - SECTION

1 : 20



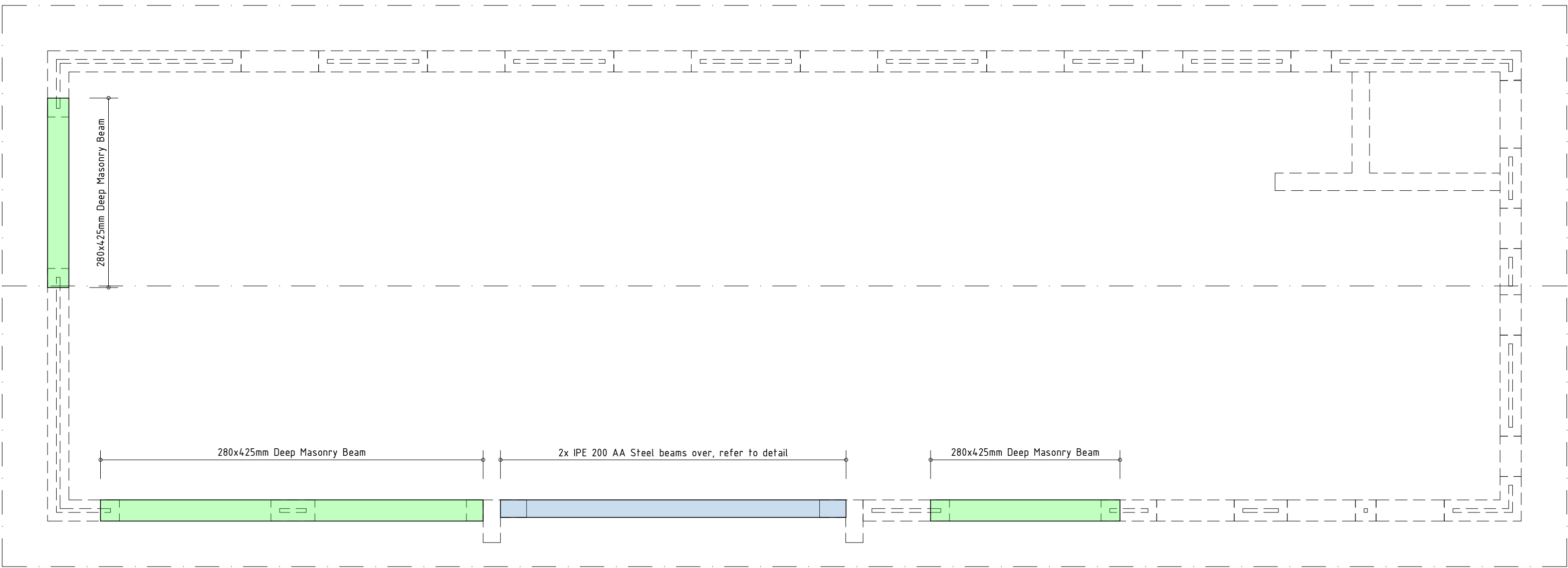
TYPICAL SAWN JOINT THROUGH THICKENING - SECTION

1 : 20

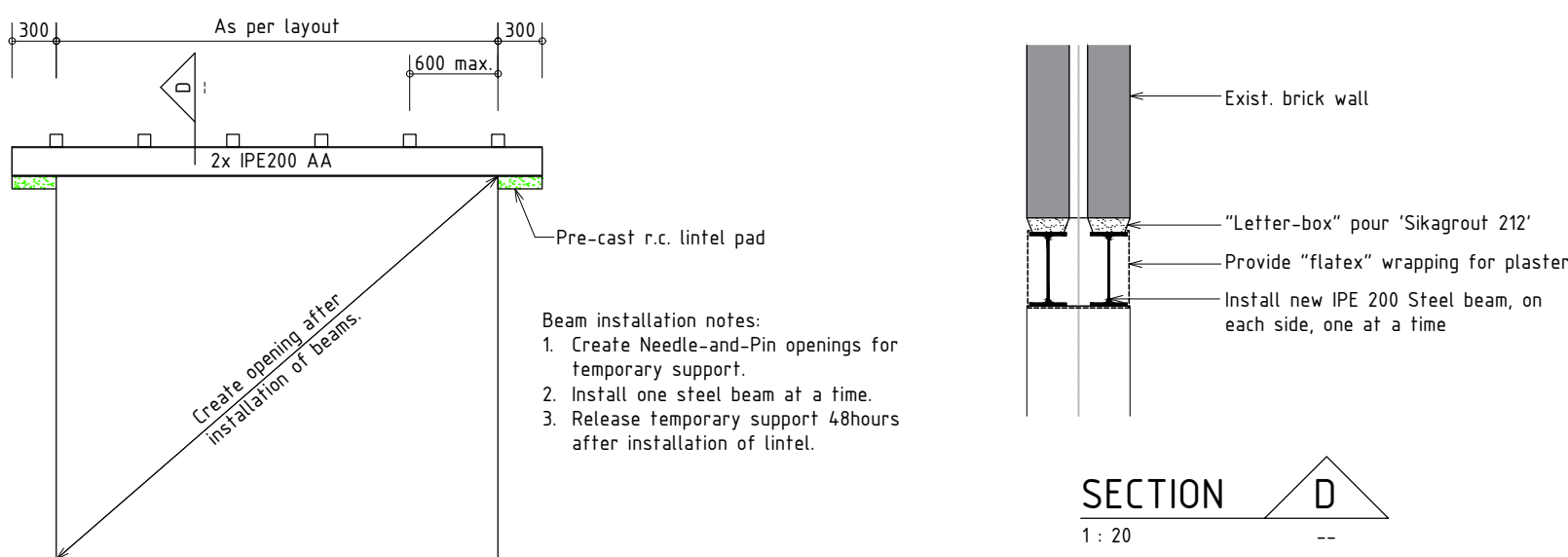


TYPICAL TIE WIRE - ELEVATION

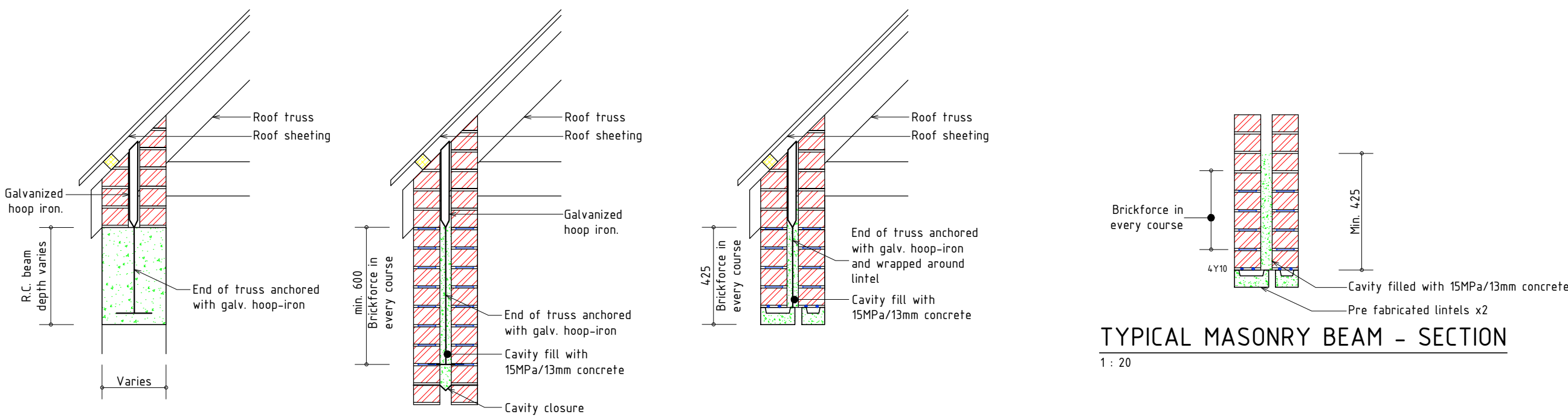
1 : 20



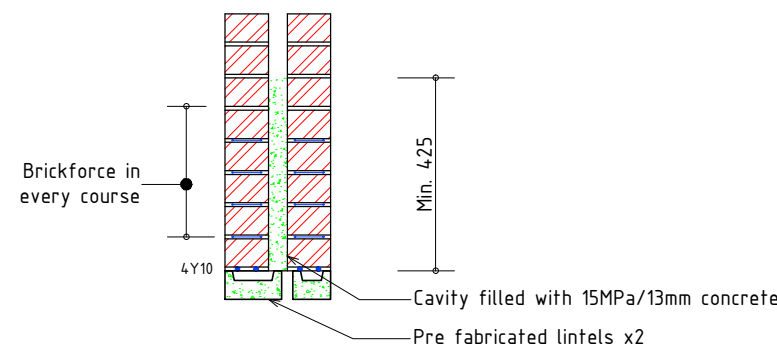
FUTURE ADDITION WALL PLATE - LAYOUT
1 : 50



NEW STEEL BEAM OPENING - ELEVATION
1 : 50



TYPICAL ROOF TRUSS CONNECTION - SECTION
1 : 20



TYPICAL MASONRY BEAM - SECTION
1 : 20

ANNEXURE C: Unpriced Bill of Quantities

For

Stellenbosch Municipality



STELLENBOSCH

STELLENBOSCH • PNIEL • FRANSCHHOEK

MUNISIPALITEIT • UMASIPALA • MUNICIPALITY

-Compiled by-



Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>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</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> <p>Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents</p>				
	Carried Forward			R	
	<p>Section No. 1: Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p>				

<p style="text-align: right;">Brought Forward</p> <p><u>PREAMBLES FOR TRADES</u></p> <p>The Model 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</p> <p>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</p> <p>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</p> <p><u>STRUCTURE OF THIS PRELIMINARIES BILL</u></p> <p>Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement</p> <p>Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries</p> <p>Section C : Any special clauses to meet the particular circumstances of the project</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>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)</p>				R
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				R

	Brought Forward				R	
	<p><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></p> <p><u>Interpretation (A1-A7)</u></p> <p>1 Clause 1.0 - Definitions and interpretation</p> <p>Pricing of bills of quantities</p> <p>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</p> <p>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</p> <p>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</p> <p>Abbreviated descriptions</p> <p>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</p>					
	Carried Forward				R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>					

	Brought Forward			R	
	<p>Legal status of contractor</p> <p>If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:</p> <ol style="list-style-type: none"> 1. These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement 2. These persons shall notify the employer of their leader who has assigned authority to bind the contractor and each of these persons 3. The contractor shall not alter its composition or legal status without the prior written consent of the employer 				
2	<p>Clause 2.0 - Law, regulations and notices</p> <p>F:..... V:..... T:.....</p>		Item		
3	<p>Health and safety</p> <p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (refer to Part C3.4 for a copy of the relevant specification) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]</p>				
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
4	Environmental The Contractor to ensure compliance to the following Acts: - The National Environmental Management 1998 (Act 107 of 1998) as amended from time to time, and its Regulations - The National Environmental Management: Waste Act (Act 59 of 2008) as amended from time to time, and its Regulations				
5	Clause 3.0 - Offer and acceptance F:..... V:..... T:.....		Item		
6	Clause 4.0 - Cession and assignment F:..... V:..... T:.....		Item		
7	Clause 5.0 - Documents Value Added Tax 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				
8	Clause 6.0 - Employer's agents 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				
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

<p style="text-align: right;">Brought Forward</p> <p>1. <u>Architect</u></p> <p>1.1 Duties [6.2] :</p> <p>The architect is responsible for the architectural design, functional design and quality inspection of the works</p> <p>1.2 Contract instructions [6.2; 17.1] :</p> <p>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</p> <p>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</p> <p>1.2.3 The site [13.0]</p> <p>1.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>1.2.5 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>1.2.6 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>1.2.7 Removal or re-execution of work</p> <p>1.2.8 Removal or substitution of any materials and goods</p> <p>1.2.9 Protection of the works</p> <p>1.2.10 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>1.2.11 Rectification of defects [21.2]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>			R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>			R	

Brought Forward			R	
<p>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</p> <p>1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p> <p>1.2.14 Appointment of a subcontractor [14.0; 15.0]</p> <p>1.2.15 Work by direct contractors [16.0]</p> <p>1.2.16 On suspension or termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0] ?</p> <p>2. <u>Quantity surveyor</u></p> <p>2.1 Duties [6.2] :</p> <p>The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works</p> <p>2.2 Contract instructions [6.2; 17.1] :</p> <p>2.2.1 No contract instructions delegated to the quantity surveyor</p> <p>3. <u>Civil and structural engineer</u></p> <p>3.1 Duties [6.2] :</p> <p>The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works</p> <p>3.2 Contract instructions [6.2; 17.1] :</p>				
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>			R	

	Brought Forward				R	
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					
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					
	Carried Forward				R	
Section No. 1: Preliminaries Bill No. 1 Preliminaries						

	Brought Forward				R	
	<p>4. <u>Mechanical engineer</u></p> <p>4.1 Duties [6.2] :</p> <p>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</p> <p>4.2 Contract instructions [6.2; 17.1] :</p> <p>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</p> <p>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</p> <p>4.2.3 Compliance with the law, regulations and bylaws [2.1]</p> <p>4.2.4 Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works</p> <p>4.2.5 Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]</p> <p>4.2.6 Removal or re-execution of work</p> <p>4.2.7 Removal or substitution of any materials and goods</p> <p>4.2.8 Protection of the works</p> <p>4.2.9 Making good physical loss and repairing damage to the works [23.2.2]</p> <p>4.2.10 Rectification of defects [21.2]</p>					
	Carried Forward				R	
	<p>Section No. 1: Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p>					

	Brought Forward				R	
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					
4.2.12	Expenditure of budgetary allowances , prime cost amounts and provisional sums					
5.	<u>Electrical engineer</u>					
5.1	Duties [6.2] :					
	The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works ? and, where appointed by the employer for quantity surveying services in respect of the electrical 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					
	Carried Forward				R	
Section No. 1: Preliminaries Bill No. 1 Preliminaries						

	Brought Forward				R	
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]					
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					
7.	<u>Fire consultant</u>					
7.1	Duties [6.2] :					
	The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works					
7.2	Contract instructions [6.2; 17.1] :					
7.2.1	Rectification of discrepancies, errors in description or quantity or omission of items in the agreement other than in the JBCC Principal Building Agreement					
7.2.2	Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works					
7.2.3	Compliance with the law , regulations and bylaws [2.1]					
7.2.4	Provision and testing of samples of materials and goods and/or of finishes and assemblies of elements of the works					
	Carried Forward				R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries					

	Brought Forward				R	
7.2.5	Opening up of work for inspection, removal or re-execution [23.2.4; 26.4.2]					
7.2.6	Removal or re-execution of work					
7.2.7	Removal or substitution of any materials and goods					
7.2.8	Protection of the works					
7.2.9	Making good physical loss and repairing damage to the works [23.2.2]					
7.2.10	Rectification of defects [21.2]					
7.2.11	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					
7.2.12	Expenditure of budgetary allowances, prime cost amounts and provisional sums					
8.	<u>Health and safety consultant</u>					
8.1	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:					
8.1.1	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					
8.1.2	Prepare and update the health and safety specification for the works					
8.1.3	Agree with the contractor the health and safety plan for the works					
	Carried Forward				R	
Section No. 1: Preliminaries Bill No. 1 Preliminaries						

	Brought Forward			R	
	8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the act and regulations				
	8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to.				
	F:..... V:..... T:.....	Item			
9	Clause 7.0 - Design responsibility				
	F:..... V:..... T:.....	Item			
	<u>Insurances and securities (A8-A11)</u>				
10	Clause 8.0 - Works risk				
	F:..... V:..... T:.....	Item			
11	Clause 9.0 - Indemnities				
	F:..... V:..... T:.....	Item			
12	Clause 10.0 - Insurances				
	F:..... V:..... T:.....	Item			
13	Clause 11.0 - Securities				
14	Clause 11.5 and 11.6 are deleted Note: The employer shall not issue a payment guarantee. Clause 11.10 is amended to read: Where the employer requires the Contractor to waive his lien or Right of continuing possession of the works as stated in the contract data the Contractor shall do so within 7 calendar days after having been requested to do so in writing, failing which the Contractor's lien shall be regarded as having been waived by the Contractor				
	F:..... V:..... T:.....	Item			
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

	Brought Forward			R	
	<p>Guarantee for payment</p> <p>The employer shall provide to the contractor a guarantee for payment in the amount of NIL Rand (R 0.00) [11.5.1]. The contractor shall consequently waive his lien or right of continuing possession of the works [11.10]</p> <p>Extension of waiver of lien</p> <p>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]</p> <p>F:..... V:..... T:.....</p> <p><u>Execution (A12 - A17)</u></p>		Item		
15	<p>Clause 12.0 - Obligations of the parties</p> <p>Office accommodation</p> <p>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]</p> <p>Notice board</p> <p>The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]</p> <p>Statutory and other notices</p>				
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
	<p>The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard</p> <p>It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto</p> <p>F:..... V:..... T:.....</p>		Item		
16	<p>Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p>		Item		
17	<p>Clause 14.0 - Nominated subcontractors</p> <p>F:..... V:..... T:.....</p>		Item		
18	<p>Clause 15.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>		Item		
19	<p>Clause 16.0 - Direct contractors</p> <p>Attendance on direct contractors</p> <p>In respect of direct contractors the contractor shall:</p> <ol style="list-style-type: none"> 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 				
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
	<p>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</p> <p>4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right, while it remains erected on the site [16.1]</p> <p>F:..... V:..... T:.....</p>		Item		
20	<p>Clause 17.0 - Contract instructions</p> <p>Site instructions</p> <p>Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor</p> <p>F:..... V:..... T:.....</p> <p><u>Completion (A18 - A24)</u></p>		Item		
21	<p>Clause 18.0 - Interim completion</p> <p>F:..... V:..... T:.....</p>		N/A		
22	<p>Clause 19.0 - Practical completion</p> <p>F:..... V:..... T:.....</p>		Item		
23	<p>Clause 20.0 - Completion in sections</p>				
24	<p>F:..... V:..... T:.....</p>		N/A		
25	<p>Clause 21.0 - Defects liability period and final completion</p> <p>F:..... V:..... T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
26	<p>Clause 22.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>		Item		
27	<p>Clause 23.0 - Revision of the date for practical completion</p> <p>Substitution of materials and goods</p> <p>The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8; 23.1 & 2]</p> <p>F:..... V:..... T:.....</p>		Item		
28	<p>Clause 24.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> <p><u>Payment (A25 - A27)</u></p> <p>Prices submitted</p> <p>Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing</p> <p>F:..... V:..... T:.....</p>		Item		
29	<p>Clause 26.0 - Adjustment of the contract value and final account</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
	<p>Fluctuations in costs</p> <p>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]</p> <p>Cost of claims</p> <p>All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6 & 7] from making a determination on costs</p> <p>Claims from subcontractors</p> <p>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]</p> <p>F:..... V:..... T:.....</p>				
30	<p>Clause 27.0 - Recovery of expense and/or loss</p> <p>F:..... V:..... T:.....</p>		Item		
			Item		
	<u>Suspension and termination (A28 - A29)</u>				
31	<p>Clause 28.0 - Suspension by the contractor</p> <p>F:..... V:..... T:.....</p>		Item		
32	<p>Clause 29.0 - Termination</p> <p>F:..... V:..... T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
	<u>Dispute resolution (A30)</u>				
33	Clause 30.0 - Dispute resolution F:..... V:..... T:.....	Item			
34	<u>Agreement</u> The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:..... V:..... T:.....	Item			
35	<u>Contract data</u> Tenderer's selections Before submission of his tender the contractor is to complete the tenderer's selections in the contract data F:..... V:..... T:.....	Item			
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

	Brought Forward			R	
	<u>SECTION B: GENERAL PRELIMINARIES</u>				
	<u>Definitions and interpretation (B1)</u>				
36	Clause 1.1 - Definitions F:..... V:..... T:.....		Item		
37	Clause 1.2 - Interpretation F:..... V:..... T:.....		Item		
	<u>Documents (B2)</u>				
38	Clause 2.1 - Checking of documents F:..... V:..... T:.....		Item		
39	Clause 2.2 - Provisional bills of quantities F:..... V:..... T:.....		N/A		
40	Clause 2.3 - Availability of construction information F:..... V:..... T:.....		Item		
41	Clause 2.4 - Ordering of materials and goods F:..... V:..... T:.....		Item		
	<u>Previous work and adjoining properties (B3)</u>				
42	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....		N/A		
43	Clause 3.2 - Previous work - defects F:..... V:..... T:.....		N/A		
	Carried Forward			R	
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	Brought Forward			R	
44	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....		Item		
	<u>The site (B4)</u>				
45	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....		Item		
46	Clause 4.2 - Enclosure of the works F:..... V:..... T:.....		Item		
47	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....		Item		
48	Clause 4.4 - Encroachments F:..... V:..... T:.....		Item		
49	Clause 4.5 - Existing premises occupied F:..... V:..... T:.....		Item		
50	Clause 4.6 - Services - known F:..... V:..... T:.....		Item		
	<u>Management of contract (B5)</u>				
51	Clause 5.1 - Management of the works Fixed:..... Value:..... Time:.....		Item		
52	Clause 5.2 - Progress meetings F:..... V:..... T:.....		Item		
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

	Brought Forward			R	
53	Clause 5.3 - Technical meetings F:..... V:..... T:.....		Item		
	<u>Samples, shop drawings and manufacturer's instructions (B6)</u>				
54	Clause 6.1 - Samples of materials F:..... V:..... T:.....		Item		
55	Clause 6.2 - Workmanship samples F:..... V:..... T:.....		Item		
56	Clause 6.3 - Shop drawings F:..... V:..... T:.....		Item		
57	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....		Item		
	<u>Deposits and fees (B7)</u>				
58	Clause 7.1 - Deposits and fees F:..... V:..... T:.....		Item		
	<u>Temporary services (B8)</u>				
59	Clause 8.1 - Water F:..... V:..... T:.....		Item		
60	Clause 8.2 - Electricity F:..... V:..... T:.....		Item		
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

	Brought Forward			R	
61	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....		Item		
62	Clause 8.4 - Communication facilities F:..... V:..... T:.....		Item		
	<u>Prime cost amounts (B9)</u>				
63	Clause 9.1 - Responsibility for prime cost amounts F:..... V:..... T:.....		Item		
	<u>Attendance on subcontractors (B10)</u>				
64	Clause 10.1 - General attendance F:..... V:..... T:.....		Item		
65	Clause 10.2 - Special attendance F:..... V:..... T:.....		Item		
	<u>General (B11)</u>				
66	Clause 11.1 - Protection of the works F:..... V:..... T:.....		Item		
67	Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:.....		Item		
68	Clause 11.3 - Security of the works F:..... V:..... T:.....		Item		
	Carried Forward			R	
	Section No. 1: Preliminaries Bill No. 1 Preliminaries				

	Brought Forward			R	
69	<p>Clause 11.4 - Notice before covering work</p> <p>F:..... V:..... T:.....</p>		Item		
70	<p>Clause 11.5 - Disturbance</p> <p>Disturbance</p> <p>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</p> <p>F:..... V:.....T:.....</p>		Item		
71	<p>Clause 11.6 - Environmental disturbance</p> <p>Controlling all forms of pollution</p> <p>The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc</p> <p>The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works</p> <p>F:..... V:.....T:.....</p>		Item		
72	<p>Clause 11.7 - Works cleaning and clearing</p> <p>F:..... V:..... T:.....</p>		Item		
73	<p>Clause 11.8 - Vermin</p> <p>F:..... V:..... T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

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	Brought Forward			R	
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>				
77	<p>Warranties for materials and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or executing the work and shall deliver same to the principal agent on final completion of the contract</p> <p>The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so</p> <p>The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:..... V:..... T:.....</p>		Item		
78	<p>Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer</p> <p>F:..... V:.....T:.....</p>		Item		
79	<p>Cooperation of the contractor for cost management</p> <p>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 contract value does not exceed the budget</p> <p>F:..... V:.....T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
80	<p>Overloading</p> <p>The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense</p> <p>F:..... V:.....T:.....</p>		Item		
81	<p>Propping of floors below</p> <p>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</p> <p>F:..... V:.....T:.....</p>		Item		
82	<p>Testing of flat roof waterproofing for watertightness</p> <p>Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:.....T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
	<p>Health and safety</p> <p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (refer to Annexure B for a copy of the relevant specification) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]</p> <p>The contractor shall:</p> <ol style="list-style-type: none"> 1. Comply with the health and safety specification for the works 2. Prepare and agree with the health and safety consultant the health and safety plan for the works 3. Cooperate with the health and safety consultant in all respects 4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification 5. Conform to the conditions contained in the employer's health and safety specification <p>F:..... V:..... T:.....</p>				
83	<p>Broad based black economic empowerment (BBBEE)</p> <p>In accordance with the tender data</p> <p>F:..... V:.....T:.....</p>		Item		
			Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
84	<p>Advertising rights</p> <p>The employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement</p> <p>F:..... V:..... T:.....</p>		Item		
85	<p>Confidentiality</p> <p>The contractor undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works</p> <p>No information regarding this project shall be published or disclosed without the prior written consent of the employer</p> <p>F:..... V:..... T:.....</p>		Item		
86	<p>Media releases</p> <p>All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer</p> <p>The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media</p> <p>F:..... V:..... T:.....</p>		Item		
	Carried Forward			R	
	<p>Section No. 1: Preliminaries Bill No. 1 Preliminaries</p>				

	Brought Forward				R	
87	<p>Contract Drawings</p> <p>The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed</p> <p>Should any part of the drawings not be clearly understood by the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent</p> <p>F:..... V:.....T:.....</p>			Item		
88	<p>Trade Names</p> <p>Wherever a trade name for any product has been described in the Priced Document, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>F:..... V:.....T:.....</p>			Item		
89	<p>Imported Materials and Equipment</p> <p>F:..... V:.....T:.....</p>			Item		
90	<p>Authorisation for the taking of photographs</p> <p>The contractor shall obtain prior authorisation from the employer for the making of any sketches or the taking of any photographs of any site, installation, building or civil works belonging to the employer and shall ensure that all personnel, subcontractors and other persons entering the site shall comply with this requirement as well.</p> <p>F:..... V:.....T:.....</p>			Item		
	Carried Forward				R	
	<p>Section No. 1: Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p>					

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Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Demolitions and Works on Site</u></p> <p>All demolitions and works on site must be carried out carefully and in the safest possible manner and the Contractor is to make a thorough examination and take all necessary precautions before proceeding with the work. The utmost care is to be observed to avoid any structural or other damage in the remaining portions of the existing building</p> <p>Special care is to be exercised not to interfere with any electrical installation, and notice is to be given to the Representative/Agent when any disconnections, removal of wires, etc. necessary and the Contractor is to afford every facility to the workmen carrying out his work</p> <p>The Contractor shall not remove or interfere with any furniture, fittings or similar articles unless specially mentioned in the following items and shall give adequate notice to the Representative/Agent of the removal of any articles from parts of the building are to be altered becomes necessary so that the Employer may have same removed before the Contractor commences work in such parts</p> <p>The Contractor will be held solely responsible for any damage to persons and property and for the safety of the structures and must make good at his expense any damage that may occur</p>				
	<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 1 Alterations</p>			R	

<p style="text-align: right;">Brought Forward</p> <p><u>Old materials to become property of the contractor</u></p> <p>Old materials from alterations except where described to be re-used or handed over, become the property of the contractor</p> <p><u>Old materials to be carted away</u></p> <p>Old materials from alterations except where described as re-used or handed over, as well as all rubbish, etc. must be regularly carted from the site and not be allowed to accumulate on or around the site.</p> <p><u>Old materials to be re-used</u></p> <p>None of the old materials are to be used for new work except where specifically described as being set aside for re-use.</p> <p><u>Handing over of materials</u></p> <p>Where certain materials or articles from demolitions or alterations are described as to be handed over by the contractor to the Department's Representative or Representative/Agent such materials or articles shall be properly stored by the contractor until handing over thereof. The contractor must obtain an official receipt listing the materials or articles and dates of handover. If the contractor fails to submit the receipt when requested to do so it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Department for the full replacement value thereof which amount will be deducted from any monies due to the contractor.</p> <p><u>General</u></p> <p>The contractor shall carry out the whole works with as little mess and noise as possible and with a minimum of disturbance to the occupants of the building. The contractor shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Project Manager</p>				R
<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 1 Alterations</p>				R

	Brought Forward			R	
	<p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p>Doors, fanlights, fittings, frames, linings, etc. which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately</p> <p>Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc.</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc. and making good floor and wall finishes to match existing</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc.)</p> <p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Breaking down and removing reinforced concrete:</u></p>				
1	Surface beds not exceeding 250mm thick	m2	6		
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 1</p> <p>Alterations</p>				

	Brought Forward			R	
	<u>Breaking down and removing brickwork:</u>				
2	Half brick walls	m2	57		
3	One brick walls	m2	16		
4	230mm Hollow walls of two half brick skins	m2	21		
	<u>Taking up and removing existing brick paving</u>				
5	70mm Thick brick paving with mortar joints on sand bed	m2	144		
6	Brick paver steps with mortar	m3	6		
	<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>				
7	Timber single door and frame not exceeding 2,5m ²	No	2		
	<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc (building up openings and making good finishes elsewhere)</u>				
8	Timber single door and frame not exceeding 2,5m ²	No	3		
	<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc and building up openings in brick walls, including making good cement plaster on both sides (making good paintwork elsewhere)</u>				
9	Timber single door and frame not exceeding 2,5m ²	No	3		
10	Glazed steel window not exceeding 2,5m ²	No	2		
	<u>Taking out and removing doors, windows, etc, including thresholds, cills, etc:</u>				
11	Timber double door and frame exceeding 2,5m ² and not exceeding 5m ²	No	1		
12	Timber gate	No	1		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc:</u>				
13	Gypsum plasterboard ceilings, including cornices, timber bandering, etc	m2	191		
14	Eaves and verges Nutec ceilings, including strips, timber bandering, etc	m2	159		
	<u>Taking out and removing sundry joinery work, fittings, etc.:</u>				
15	12 x 225mm Wide fascia board fixed to timber rafters	m	142		
16	Kitchen cupboard size 1800 x 500 x 900mm high	No	1		
	<u>Be carefully taking off existing timber skirting and re-use later:</u>				
17	Sanded (remove old paint), refurbished and reinstate in a similar position	m	231		
	<u>Take down asbestos roof tiles, gutters and downpipes and cart off site (contractor to follow precautionary guidelines as per Occupational Health & Safety Act):</u>				
	Note: The contractor shall keep the area of the works, where the roof has been removed, weatherproof by means of tarpaulins, etc. for the entire period that the area is without a permanent weatherproof roof covering. The cost of all repairs consequential upon the contractor failing to comply with the requirements will be for the contractor's sole account.				
	Work to be done in accordance with the Occupational Health and Safety Act.				
18	Slate tile roof covering and timber battens	m2	397		
19	Asbestos gutter fixed to timber fascias	m	70		
20	Asbestos down pipes with offsets, shoes and brackets	m	45		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<u>Hacking up/off and removing floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes:</u>				
21	Tiles on walls	m2	15		
22	Tiles to floors	m2	38		
23	Tile skirting 100mm high	m	45		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc:</u>				
24	Vinyl tile floor covering including preparing screed for new carpet, vinyl sheeting or tile etc (new floor finish elsewhere)	m2	30		
25	Carpet tile floor covering including preparing screed for new carpet, vinyl sheeting or tile etc. (new floor finish elsewhere)	m2	94		
26	Vinyl plank floor covering including preparing screed for new carpet, vinyl sheeting or tile etc (new floor finish elsewhere)	m2	29		
	<u>Hacking up/off and removing granolithic, screeds, plaster, waterproofing etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
27	30mm Screed from floors	m2	191		
28	Internal plaster from walls, columns and beams in patches	m2	35		
	<u>Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
29	Vitreous china WC pan with cistern	No	1		
30	Shower fitting comprising of underwall stopcocks, rose and arm and floor trap	No	1		
31	900mm x 900mm Shower tray from or concrete	No	1		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<u>Taking out and removing kitchen sink & toilet roll holder, setting aside for re-use and later refixing in similar new position</u>				
32	Double bowl inset sink, overall size 1500 x 500mm with two 343 x 410 x 153mm deep bowls, fitted onto cupboard (elsewhere specified) including fittings.	No	1		
33	Toilet roll holder	No	1		
	<u>MAKING GOOD OF FINISHES, ETC.</u>				
	<u>Making good screed:</u>				
34	On floors in patches	m2	65		
35	Floors where half brick walls removed	m	23		
36	Floors where one brick walls removed	m	16		
	<u>Making good cement plaster:</u>				
37	Walls in patches	m2	40		
38	Walls where half brick walls removed	m	39		
39	Walls where one brick walls removed	m	13		
	<u>BUILDING UP OPENINGS</u>				
	<u>Brickwork in NFP bricks in class II mortar in building up openings:</u>				
40	One brick walls	m2	30		
	<u>Sundries</u>				
41	Cutting toothings and bonding new brickwork to existing	m2	8		
42	Drill holes at wall surface of wall including cleaning and blowing holes, and epoxy treated and place Y10 300mm long dowel bars in holes and wall to tie new to existing wall.	No	68		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
43	Drill holes into existing surface bed including cleaning and blowing holes, and epoxy treated and place Y12 300mm dowel bars with 20mm diameter conduit in holes to tie new to existing surface bed SERVICING OF WINDOWS, DOORS, PLUMBING, ETC. Clean out rebates of existing steel windows and prepare to receive new putty:	No	30		
44	Replace putty Servicing existing steel windows by examining the window parts and where defective or damaged they must be repaired. Loose window parts or loose portions must be refixed. Moving parts must be fitted, oiled and adjusted so that the window parts as a whole functions faultlessly	m	110		
45	Steel Windows Attend to, service and repair as necessary all timber doors including replacing any defective or missing parts:	No	10		
46	Single doors including hinges and ensure that door is properly aligned to open and close correctly.	No	2		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<u>SERVICE AND REPAIRS TO EXISTING ROOFS</u>				
	<u>Service and make good existing roof coverings:</u>				
47	Strip, clean, repair and paint timber panelling at gable wall.	m2	5		
	<u>CUTTING THROUGH FLOORS AND CEILINGS</u>				
	<u>Cutting through existing surface beds</u>				
48	250mm Thick unreinforced concrete surface bed for sewer line and making good concrete on both sides of new beam	m	10		
	<u>OPENINGS THROUGH EXISTING WALLS, ETC</u>				
	<u>Breaking out for and forming plain openings through brick walls, including prestressed concrete lintels, making good cement plaster on both sides and into reveals with steel trowelled finish (making good paintwork elsewhere):</u>				
49	Opening size 1200 x 2100mm high through half brick wall.	No	1		
	<u>Breaking out for and forming openings through brick walls for new doors and frames, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)</u>				
50	Opening for aluminium double door with frame 1626 x 2032mm high overall through one brick wall	No	1		
51	Opening for aluminium single door with frame 900 x 2100mm high overall through half brick wall	No	1		
52	Opening for aluminium single door with frame 900 x 2100mm high overall through one brick wall	No	1		
53	Opening for timber single door with steel frame 900 x 2100mm high overall through one brick wall	No	1		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<u>Breaking out for and forming openings through brick walls for new windows, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with sloping sills on outside and flat cement sills on inside (new windows and making good paintwork elsewhere)</u>				
54	Opening for window 1511 x 1264mm high through one brick wall	No	4		
55	Opening for window 1022 x 949mm high through one brick wall	No	1		
	<u>Altering openings:</u>				
56	Altering opening in 230mm brick wall where 1500 x 2600mm high timber double door removed to form opening for new aluminium window 2000 x 1264mm high overall by demolish brickwork where necessary, including making good cement plaster on both sides and into reveals (new window and making good paintwork elsewhere).	No	1		
57	Altering opening in 230mm brick wall where 813 x 2032mm high timber single door removed to form opening for new timber door 900 x 2100mm high overall by demolish brickwork where necessary, including making good cement plaster on both sides and into reveals (new door, frame and making good paintwork elsewhere).	No	2		
	<u>STRUCTURAL REPAIRS</u>				
	<u>Plaster cracks wider than 1,5mm & hollow areas: remove plaster 100mm on both sides of crack. Apply over damp clean surfaces 1st coat of Sikalastic 560 or approved equivalent. Into wet slurry push "Duramesh." or similar approved Apply 2nd and 3rd coats of Sikalastic 560 or approved equivalent . Apply plaster, flush with surrounding surfaces and to match texture:</u>				
58	Wall cracks wider than 1.5mm	m	25		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 1 Alterations				

	Brought Forward			R	
	<p><u>All cracks wider than 1,5mm to have plaster removed 100mm on both sides of cracks. If structure has no cracks, apply bonding liquid to brick surfaces and Replaster with Lime plaster with "Sika1 additive" or approved equivalent. If cracks are in the structure, then along the crack line drill 8mmø holes 100mm deep at 100mm centres and inject Sika Anchor fix S or approved equivalent. Dampen affected areas and apply 1 coat "Sikalastic 560" or approved equivalent slurry. When dry apply 2nd coat and embed Duramesh fiberglass mesh (150mm wide) as supplied by W.Tech in Stikland into wet slurry. Replaster areas with Lime plaster with "Sika1" or approved equivalent additive, applied in two coats, flush with adjacent plaster:</u></p>				
59	Wall cracks wider than 1.5mm	m	16		
	Carried Forward to Summary of Section No. 2			R	
	Section No.2: Building Work				
	Bill No. 1				
	Alterations				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS</u></p> <p><u>PREAMBLES</u></p> <p>Take note that these Model Bills of Quantities utilise abbreviated descriptions</p> <p>The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards.</p> <p>The use of trade names simply serves to indicate a standard acceptable to the Stellenbosch Municipality. Any other brand may be used with the prior approval of the Stellenbosch Municipality.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground</u></p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be gravel, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p>			
	Carried Forward		R	
	<p>Section No.2: Building Work</p> <p>Bill No. 2</p> <p>Earthworks</p>			

<p style="text-align: center;">Brought Forward</p> <p>A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p><u>Excavation for working space in rock</u></p> <p>Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be</p> <p><u>Carting away of excavated material</u></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p> <p><u>Filling</u></p> <p>Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material</p> <p><u>Testing</u></p> <p>Prices for filling are to include for all necessary density tests in accordance with SABS 1200D</p>		R	
<p style="text-align: center;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 2 Earthworks</p>		R	

Brought Forward				R
<u>EXCAVATION, FILLING, ETC.</u>				
<u>Excavation in earth not exceeding 2m deep:</u>				
1	Trenches	m3	28	
2	Holes	m3	0.5	
<u>Extra over trench and hole excavations in earth for excavation in:</u>				
3	Soft rock	m3	1	
4	Hard rock	m3	3	
<u>Extra over all excavations for carting away:</u>				
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	21	
<u>Risk of collapse of excavations:</u>				
6	Sides of trench and hole excavations not exceeding 1,5m deep	m2	60	
<u>Keeping excavations free of water:</u>				
7	Keeping excavations free of all water other than subterranean water		Item	
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 98% Mod AASHTO density</u>				
8	Backfilling to trenches, holes, etc.	m3	7	
<u>Earth filling supplied by the contractor compacted to 95% Mod AASHTO density:</u>				
9	Backfilling to trenches, holes, etc.	m3	22	
10	Under floors, steps, etc.	m3	27	
Carried Forward				R
Section No.2: Building Work				
Bill No. 2				
Earthworks				

[illegible]

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 3</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>PREAMBLES</u></p> <p>Take note that these Model Bills of Quantities utilise abbreviated descriptions</p> <p>The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards.</p> <p>The use of trade names simply serves to indicate a standard acceptable to the Department of Transport and Public Works: Chief Directorate – General Infrastructure. Any other brand may be used with the prior approval of the said Directorate</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect.</p> <p><u>Formwork</u></p> <p>Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use</p>			
	Carried Forward		R	
	<p>Section No.2: Building Work</p> <p>Bill No. 3</p> <p>Concrete, formwork & reinforcement</p>			

	Brought Forward			R	
	<p>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</p> <p>Formworks to soffits of solid etc. shall be deemed to be slabs not exceeding 250mm thick unless otherwise described</p> <p>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"</p> <p><u>UNREINFORCED CONCRETE</u></p> <p><u>15MPa/13mm concrete</u></p>				
1	Filling to cavity of hollow walls	m3	6		
	<p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> <p><u>25MPa/19mm concrete:</u></p>				
2	Strip footings	m3	7		
	<p><u>30MPa/19mm concrete:</u></p>				
3	Surface beds cast in panels on waterproofing	m3	6		
4	Concrete seat	m3	0.3		
	<p><u>Smooth formwork to soffits:</u></p>				
5	Concrete seat	m2	3		
	<p><u>Smooth formwork to sides:</u></p>				
6	Edges of ramps not exceeding 300mm high	m	5		
	Carried Forward			R	
	<p>Section No.2: Building Work Bill No. 3 Concrete, formwork & reinforcement</p>				

	Brought Forward			R	
	<u>Finishing top surfaces of concrete smooth with a steel trowel</u>				
7	Surface bed, slabs, ramps, etc.	m2	53		
	<u>CONCRETE SUNDRIES</u>				
	<u>Sikagrout 212:</u>				
8	Bedding approximately 50mm thick on IPE 200 steel beam including chamfered edges both sides	m	10		
	<u>TEST BLOCKS</u>				
9	Making and testing 150 x 150 x 150mm concrete strength test cube	No	5		
	<u>MOVEMENT JOINTS, ETC</u>				
	<u>Migua expansion joints with jointex between vertical concrete and brick surfaces</u>				
10	10mm Joints not exceeding 300mm high	m	8		
	<u>Expansion joints with "Jointex 33kg/m3" or approved equivalent between horizontal brick and concrete surfaces</u>				
11	6mm Jointex not exceeding 300mm wide	m	33		
12	10mm Jointex not exceeding 300mm wide	m	18		
	<u>Saw cut joints:</u>				
13	3 x 40mm Saw cut joints in top of concrete (new item)	m	18		
	<u>REINFORCEMENT</u>				
	<u>Mild steel reinforcement to structural concrete work:</u>				
14	8mm Diameter bars	t	0.15		
	<u>High tensile steel reinforcement to structural concrete work:</u>				
15	12mm Diameter bars	t	0.30		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 3 Concrete, formwork & reinforcement				

Brought Forward			R
16	16 mm Diameterbars	t	0.02
<u>Fabric reinforcement:</u>			
17	Type 193 fabric reinforcement in concrete surface beds, etc.	m2	53
<p>Carried Forward to Summary of Section No. 2</p> <p>Section No.2: Building Work</p> <p>Bill No. 3</p> <p>Concrete, formwork & reinforcement</p>			R

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</u></p> <p><u>MASONRY (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><u>Hollow walls etc.</u></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixal" bitumen emulsion waterproofing coating</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour. Face brick to Architect approved sample.</p> <p>Bricks to be guaranteed against efflorescence.</p> <p>Brick work to be guaranteed against "lime bloom", lime weeping", etc.</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 4</p> <p>Masonry</p>				

	Brought Forward			R	
	Mortar mixture should thus be of best quality and contact between face brick work and concrete is to be prevented.				
	<u>Pointing</u>				
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc				
	<u>SAMPLES</u>				
	Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site				
	<u>BRICKWORK</u>				
	<u>FOUNDATIONS (PROVISIONAL)</u>				
	<u>Brickwork of NFX bricks in class II mortar</u>				
1	Piers	m3	0.2		
2	280mm Hollow walls of two half brick skins including wire ties	m2	34		
	<u>SUPERSTRUCTURE</u>				
	<u>Brickwork of NFP bricks in class II mortar:</u>				
3	Piers	m3	0.4		
4	Half brick walls	m2	28		
5	Half brick walls in beamfilling	m2	3		
6	280mm Hollow walls of two half brick skins including wire ties	m2	67		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 4 Masonry				

	Brought Forward			R	
	<u>BRICKWORK SUNDRIES</u>				
	<u>Brickwork sundries</u>				
7	Splayed mortar fillet one course high in 50mm cavity	m	20		
8	Closing 50mm cavity of hollow wall vertically with brickwork half brick wide	m	6		
9	Closing 50mm cavity of hollow wall horizontally with one course of brickwork	m	4		
10	Cavity closure	m	20		
11	Cutting toothings and bonding new brickwork to existing	m2	8		
	<u>Brickwork reinforcement:</u>				
12	75mm Wide reinforcement built in horizontally	m	1,386		
	<u>Pre-stressed fabricated lintels</u>				
13	110 x 75mm Lintels in lengths not exceeding 3m	m	35		
14	150 x 75mm Lintels in lengths not exceeding 3m	m	29		
	<u>Construction joints with "Jointex" vertically between brickwork surfaces</u>				
15	10mm Joints not exceeding 300mm wide	m	10		
	<u>Galvanised hoop iron cramps, ties, etc</u>				
16	40 x 1,6mm Wall tie 1000mm long strips shot pinned to concrete and with ties bent out and built into brickwork	m	23		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 4 Masonry				

[illegible]

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 5</u></p> <p><u>WATERPROOFING (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Installation by Approved Waterproofing Contractor</u></p> <p>Waterproofing to roofs, basements, parking decks, etc. Must be installed by Manufacturer approved contractors.</p> <p><u>Preparation of Substrates & Surfaces</u></p> <p>Substrates and surfaces must be smooth, clean, free of contaminants and dry</p> <p>Substrates and surfaces must be prepared in accordance with manufacturer's instructions</p> <p>The contractor is to allow for the cost of substrate preparation in the rates for Waterproofing items</p> <p><u>Waterproofing</u></p> <p>Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs</p> <p>The method of application to be discussed with and approved by the Project Manager before implementation</p> <p><u>DAMPPROOFING OF WALLS AND FLOORS</u></p>				
	<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 5 Waterproofing</p>			R	

	Brought Forward			R	
	<u>One layer of 375 micron black polyethylene sheeting with embossed surface in damp proof course</u>				
1	In walls	m2	7		
	<u>Two layers of 250 micron dpm green polyethylene sheeting with joints and sealed with pressure sensitive tape</u>				
2	Under surface beds	m2	53		
	<u>WATERPROOFING BASEMENTS, ROOFS, BALCONIES, ETC.</u>				
	<u>Waterproofed with Derbigum CG4H, on Derbigum CG3 on 250 micron polyetheneon drainage layers Delta MS8 and Delta MS20P. All applied strictly as per manufacturers specifications and recommendations</u>				
3	On tops and sides of new concrete and brick walls	m2	10		
	<u>Cemcrete Permastop cementitious waterproofing slurry to planter inner walls. Two coats of Cemcrete permastop with an overcoating time of 30 minutes</u>				
4	On sides of planter brick walls	m2	7		
	<u>SEALING STRIPS, JOINT SEALANTS, ETC.</u>				
	<u>Polyurethane or approved equivalent sealing compound including backing cord, bond breaker, primer, etc</u>				
5	6 x 6mm In saw-cut joints in floors	m	51		
6	10 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary	m	21		
7	6 x 20mm In saw-cut joints in floors	m	18		
8	8mm Polycord joint filler	m	18		
	Carried Forward to Summary of Section No. 2			R	
	Section No.2: Building Work				
	Bill No. 5				
	Waterproofing				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 6</u></p> <p><u>ROOF COVERINGS, ETC</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Quantities</u></p> <p>The quantities herein are measured net and no allowance has or shall be made for wastage or overlapping, etc.</p> <p><u>General Notes</u></p> <p>Roof sheeting, in single lengths, shall be laid in strict accordance with the manufacturers instructions.</p> <p>Descriptions of coverings shall be deemed to include for all straight and raking cutting, holes for fixing and notches.</p> <p>Descriptions of coverings shall be deemed to include forming drips and closed ends to troughs.</p> <p>Descriptions of all coverings & accessories shall be deemed to include for sealing all joints, end and side laps, eaves, gable ends, etc., with an approved silicone sealant, polyurethane foam sealing strip, polyclosures, etc.</p> <p>Tenderers are to note that no distortion of purlins during erection will be allowed. The necessary precautions must be taken in this regard. Any purlins which, in the opinion of the Principal Agent / Engineer are distorted will have to be rectified by the tenderer to the entire satisfaction of the Principal Agent / Engineer and no additional costs will be entertained in this respect.</p>			
	Carried Forward		R	
	<p>Section No.2: Building Work</p> <p>Bill No. 6</p> <p>Roof Coverings</p>			

<p style="text-align: center;">Brought Forward</p> <p><u>Guarantee</u></p> <p>The manufacturer shall comply with ISO9001 Quality Management System. The sheeting shall be laid in strict accordance with the manufacturer's specifications by an approved contractor.</p> <p>A written and approved fifteen year guarantee of site-workmanship and water tightness shall be issued by the <i>sheeting contractor</i> after final inspection of roofs by the manufacturer.</p> <p><u>Erection</u></p> <p>Every precaution shall be taken to prevent damage to roof sheets during all stages of construction. Duck boards should be used when necessary to protect the sheeting from damage. Sheeting which has become deformed or damaged in any way shall be replaced. No bulk storage of sheeting shall be allowed on top of the roof structure. If sheeting is rolled on site and directly driven onto the top of the roof, a suitable roller or conveyor type system is to be used to avoid scratching damage to the sheet.</p> <p><u>Safety</u></p> <p>The contractor shall exercise special care when handling long length sheeting, particularly in windy conditions. Should work be interrupted for any reason, all loose sheeting and incomplete sections must be adequately secured against possible movement by wind and gravity.</p> <p><u>Handling and Storage</u></p> <p>The contractor shall ensure that all materials used on site for cladding, etc., are transported, handled and stored in accordance with the manufacturer's recommendations. Material damaged shall be rejected and replaced with undamaged material at the contractor's expense. Repair of damaged material will not generally be permitted. Rates are to include for preventing damage and protecting sheets through all stages of construction.</p>		R	
<p style="text-align: center;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 6 Roof Coverings</p>		R	

<p style="text-align: center;">Brought Forward</p> <p><u>Inspection prior to installation or erection</u></p> <p>Before commencing installation, the contractor shall verify that the following items have been checked and accepted:</p> <ol style="list-style-type: none"> 1. The entire structure or the portion thereof to be sheeted has been correctly aligned, levelled and grouted. 2. Purlins and sheeting rails are at the correct spacing and are within the specified tolerances. 3. The corners of the roof are square and the wall framework is perpendicular or as specified. 4. No protrusions such as bolt heads, splice plates, cleats, etc. appear on the face of the framework. 5. All members to which roofing and cladding are to be fixed in aesthetically sensitive areas are true and square. 6. Paint and any other materials that may be incompatible with the sheeting, have been painted over or so dealt with that direct contact with the sheeting is avoided. 7. The contact faces between the purlins or the girts and the cladding are in the same plane. Should the alignment be inadequate, the contractor shall request instructions from the engineer before proceeding with the fixing of the cladding. 		R	
<p style="text-align: center;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 6 Roof Coverings</p>		R	

<p style="text-align: center;">Brought Forward</p> <p><u>Protrusion through sheeted surfaces</u></p> <p>Protrusions such as pipes, ducts and the like, shall be adequately flashed where they pass through the sheeting surface. Where ribs have to be cut away to permit penetration, additional framing is to be installed as required to support the sheeting. Depending on the position of the penetration through the roof, special attention shall be given to back flashing the sheeting to the ridge or point of water entry. In all cases, all cutting and flashings shall be so arranged that adequate provision is made for the drainage of all troughs and corrugation. When sheeting is cut to suit after installation metal shears are to be used. No angle grinding is to be undertaken on the roof at any time. The surrounding sheeting is to be protected appropriately from drill shavings and debris. The area is to be cleaned immediately after completion and every evening before work stops.</p> <p><u>Cleaning of roofs, etc.</u></p> <p>All debris, swarf, etc., arising from the fixing of the cladding shall be removed from the sheeting as the fixing progresses. In addition, off-cuts of insulation, surplus fasteners and sealants, mandrels from pop rivets, off-cuts of flashings and sheeting, surplus flashing, food packaging, cartons, bottles, cans, etc., shall not be left on the roof or in the gutters. Care shall be taken to ensure that no such material enters, blocks or partially impedes the flow of water into the outlets, down pipes, etc.</p>		R	
<p style="text-align: center;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 6 Roof Coverings</p>		R	

	Brought Forward			R	
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
	<u>Safitra 0.53mm thick "IBR 686 cover Tufdek®" or approved equivalent Rain Cloud COLORPLUS and fixed to timber purlins at 1800mm centres with using Fixtite® self tapping fasteners or Safintra approved fasteners with EPDM seal. Purlins fixed on new SA pine pretreated, prefabricated 114x38mm roof trusses, resting on new 114x38mm SA pine wall plates. Purlin fixed to every second crest of each sheet and at all crests at sheet ends. Side laps to be secured using Fixtite® stitching fasteners or Safintra approved or approved equivalent fasteners at centres not exceeding 500mm and sealed with Butyl tape with minimum 230mm end laps sealed with a double row of Butyl tape, all in accordance with the manufacturer's recommendations:</u>				
1	Roof covering with pitch not exceeding 25 degrees	m2	470		
2	Ridge capping 550mm girth, three times bent along girth and notched on site to suit roof profile	m	42		
3	Headwall flashing not exceeding 300mm girth	m	12		
4	Raking valley gutter	m	15		
	<u>ROOF AND WALL INSULATION</u>				
	<u>Multi-layered reinforced double-sided aluminium foil sheeting in accordance with SANS 1381-4 with a mass of not less than 293g/m² and a Class I fire rating in accordance with SANS 0177-3</u>				
	<u>4mm White alububble code 296, D10 or approved equivalent bubble bottom with foil backing top</u>				
5	Insulation laid taut over rafters and fixed concurrent with roof covering, rafters, purlins, etc.	m2	470		
	Carried Forward to Summary of Section No. 2			R	
	Section No.2: Building Work				
	Bill No. 6				
	Roof Coverings				

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>CARPENTRY AND JOINERY</u> <u>(PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc.</p> <p>Unless otherwise specified all exposed timber to be planed and sanded smooth and to be in selected hardwood meranti, internal timber ceilings can be SA Pine.</p> <p><u>Fixing:</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.</p> <p>All sections of timber to be built into brickwork or concrete to be wrapped in Gunplas and the cost is deemed to be included in the relevant item.</p> <p><u>Sealants, etc.</u></p> <p>Tenders should include silicone sealant between skirting and finished surfaces of walls and floors in their price</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 7</p> <p>Carpentry and Joinery</p>				

	Brought Forward			R	
	<u>ROOFS ETC</u>				
	<u>Plate nailed timber roof truss construction</u>				
1	Obtain and submit an engineer's certificate for the approval of the design and construction of the roof structures		Item		
	<u>Sawn softwood</u>				
	<u>Open Plan Office 1</u>				
2	Roof construction double pitched roof approximately 5.85 x 7.18m on plan and including all laminated beams, overhangs, trusses, jack rafters, wall plates, permanent rod bracing including 50 x 75mm purlins erected in position complete with fixing brackets complete (as per architects drawings no.101, 200 & 300)	No	1		
	<u>SA Pine Grade 5 or product with equivalent specifications</u>				
3	38 x 50mm Battens to eaves	m	185		
4	38 x 114mm Wall plates	m	13		
5	50 x 76mm Purlins	m	504		
	<u>EAVES, VERGES, ETC</u>				
	<u>"Everite Nutec" or approved equivalent</u>				
6	12 x 225mm Medium density plain ungrooved fascias boards with high density plain finish, with 38 x 38mm sawn softwood battens to top and bottom edges including PVC H-profile jointing strips and corner jointers as per drawing No. 101	m	92		
7	260 x 260mm Moulded barge boards with high density plain finish, with 38 x 38mm sawn softwood battens to top and bottom edges including PVC H-profile jointing strips and corner jointers as per drawing No. 101	m	120		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 7 Carpentry and Joinery				

Brought Forward				R	
<u>DOORS (refer to drawing no. 4035-603,604,606a, 607,608 609&610)</u>					
<u>K Parker Joinery heavy duty engineered meranti vertical slatted O/O FLB door (or similarly approved). Solid hardwood doors manufactured from Meranti, in accordance with SANS 1253:2016. hugh to timber frames:</u>					
8	44mm Framed, ledged and braced batten single door size 813 x 2032mm high (Type D7)	No	2		
<u>K Parker Joinery semi solid masonite flush door (or approved equivalent) in aluminium door frame:</u>					
9	40mm Door size 813 x 2 032mm high (Type D6a-c)	No	3		
<u>K Parker Joinery heavy duty engineered meranti horizontal slatted single O/O and O/I swing door (or approved equivalent) suitable for painting, to timber frames:</u>					
10	44mm Single door size 813 x 2 032mm high (Type D3 & D4)	No	4		
<u>K Parker Joinery heavy duty engineered meranti horizontal slatted single O/O stable door (or approved equivalent) suitable for painting, to timber frames:</u>					
11	40mm Stable door size 813 x 2 032mm high (Type D8)	No	1		
<u>Meranti Door Framed frames</u>					
12	56 x 86mm Meranti door frame (O/O sill) with 45 x12mm rebate to suit 813 x 2 032mm high door	No	3		
13	56 x 86mm Meranti door frame (O/I sill) with 45 x12mm rebate to suit 813 x 2 032mm high door	No	2		
14	56 x 86mm Meranti door frame (No sill) with 45 x12mm rebate to suit 813 x 2 032mm high door	No	2		
<u>SKIRTINGS</u>					
Carried Forward				R	
Section No.2: Building Work Bill No. 7 Carpentry and Joinery					

	Brought Forward			R	
	<p><u>Wrought meranti skirting or product with equivalent specifications, slightly rounded on top leading edge and ploughed on rear face, steel nailed to walls at 600mm centres. The skirting is to have splayed header joints and mitred angles, complete with 19mm quarter round as per architects drawing No. 4035-517:</u></p>				
15	19 x 69mm High skirtings with quarter round, plugged	m	171		
16	19 x19mm qaurter round meranti over strips	m	395		
	<p><u>CUPBOARDS, SHELVES ETC.</u></p> <p>The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The description, therefore, of such units shall be deemed to include for all components, assembling , housing, notching, glueing, blocking, bolting, planting on and screwing with countersunk screws, edge strips, white melamine finish to all, glass, ironmongery to be 'Blum' or approved equivalent , metalwork, paint or varnish finishes, etc.</p> <p>Prices are to include for all necessary filler pieces against walls etc.</p> <p><u>Cupboards, etc:</u></p>				
17	Wall kitchen cupboard size 1 560 x 300 x 698mm high overall, including cupboards, all necessary ironmongery, shelves, doors fixings, etc, complete (refer to architects drawings no.500. (kitchen)	No	1		
18	Wall print room cupboard size 2 209 x 200 x 698mm high overall, including cupboards, all necessary ironmongery, shelves, doors fixings, etc, complete (refer to architects drawings no.500. (reception & print room)	No	2		
19	Wall kitchen cupboard size 3 675 x 300 x 698mm high overall, including cupboards, all necessary ironmongery, shelves,doors fixings, etc, complete (refer to architects drawings no.500. (kitchen)	No	1		
	Carried Forward			R	
	<p>Section No.2: Building Work Bill No. 7 Carpentry and Joinery</p>				

	Brought Forward			R	
20	Floor cupboard complete overall size 1 560mm long x 600mm wide x 900mm high, fixed complete to wall including cupboards, shelves, doors, all necessary ironmongery, plinth, fixings, silicone, etc, all complete refer to Architect Joinery drawing number 500.(kitchen & Print room)	No	2		
21	L-Shaped floor sink kitchen cupboard complete overall size 3 675 + 794mm long x 600mm wide x 900mm high, fixed complete to wall including cut out for sink (sink elsewhere measured), including cupboards, shelves, drawers, doors, all necessary ironmongery, plinth, fixings, silicone, etc, all complete refer to Architect Joinery drawing number 500.(kitchen)	No	1		
22	Floor reception & print room cupboard complete overall size 5 785mm long x 400mm wide x 900mm high, fixed complete to wall including cupboards, shelves, drawers, doors, all necessary ironmongery, plinth, fixings, silicone, etc, all complete refer to Architect Joinery drawing number 500.(reception & print room)	No	1		
23	Reception cupboard complete overall size 2 795mm long x 600mm wide x 900mm high, fixed complete to wall including cupboards, shelves, doors, all necessary ironmongery, plinth, fixings, silicone, etc, all complete refer to Architect Joinery drawing number 500.(reception)	No	1		
	<u>Worktops and Counters</u>				
24	32mm thick PG Bison Formica counter tops: WhiteTM, Texture size 3 095 x 815mm wide overall, including fixing counter to wall 900mm above finished floor level, and including supports, fixings, etc, complete (refer to architects drawings no.500 (reception room)	No	1		
	Carried Forward to Summary of Section No. 2			R	
	Section No.2: Building Work				
	Bill No. 7				
	Carpentry and Joinery				

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>Take note that these Model Bills of Quantities utilise abbreviated descriptions</p> <p>The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere</p> <p><u>Ceilings</u></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal</p> <p><u>Bulkheads</u></p> <p>Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 8</p> <p>Ceilings, Partitions and Access Flooring</p>				

	<p style="text-align: right;">Brought Forward</p> <p>Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 900mm. Where these dimensions are more than 900mm such portions of ceilings have been included in the appropriate general items of ceilings</p> <p>Unless otherwise described bulkheads shall be deemed to be horizontal along the length</p> <p><u>Steel components</u></p> <p>All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121</p> <p><u>SUSPENDED CEILINGS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations</p> <p>Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc</p> <p><u>Proprietary suspended ceilings:</u></p> <p>Electrical light fittings, diffusers, panels, etc. generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility inseting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)</p> <p><u>NAILED UP AND SCREW UP CEILINGS</u></p> <p><u>12.5mm "Rhino" or approved equivalent gypsum plasterboard with 44 x 10mm cover strips of mesh scrim nailed over joints and the whole finished with 1 layer of gyproc rhinolite cretestone gypsum skim plaster trowelled to smooth polished surface:</u></p>				R	
1	<p>Ceilings fixed to and including 50 x 38mm sawn softwood branderling at 600mm centres fixed to timber trusses</p>	m2	146			
	<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 8 Ceilings, Partitions and Access Flooring</p>				R	

Brought Forward			R	
2	Extra over ceiling for opening for 100mm diameter downlighter	No	25	
	<u>"Rhino" or approved equivalent gypsum plasterboard cornices:</u>			
3	75mm Polystyrene coved cornices	m	192	
	<u>6mm Thick fibre-cement plain ceiling boards, manufactured in accordance with SANS 9001:2000 carrying SANS 803:2005 mark. All joints to be covered using H-profile steel jointing strips, all in accordance with the manufacturer's recommendations</u>			
4	Ceilings including 38 x 38mm sawn softwood brandering at 400mm centres using 32 x 2,5mm serrated ceiling nails at 150mm centres, minimum of 12mm from edge of board	m2	159	
	<u>1200 x 600 x 15mm Thick "Isover Minerval A " acoustic ceiling tiles or approved equivalent into the framework. Install Gypframe® D38FR Main Tees at 1200mm centres. Suspend Main Tee using Gyproc Hanger fixed to Main Tee web. Hangers to be at maximum 400mm from perimeter wall. Install Gypframe® D38FR Cross Tee at 600mm c/c to create a 1200mm x 600mm ceiling grid. Perimeter - Fix Gyproc M6 Wall Angle to the wall using fixings at 300mm centres. Fix Main Tee's to the wall using Gyproc Angle Cleats to ensure straight grid and stability, all in strict accordance with the manufacturer's specifications and recommendations</u>			
5	Ceilings suspended not exceeding 1m below timber trusses	m2	73	
6	Extra over ceiling for opening for 1200 x 600mm light fitting	No	5	
	<u>Cornices etc:</u>			
7	Shadowline cornice screwed to plastered walls or beams including mitres, etc.	m	50	
	<u>TRAP DOORS, ETC.</u>			
8	Extra over ceiling for 600 x 600mm trap door	No	2	
Carried Forward			R	
Section No.2: Building Work Bill No. 8 Ceilings, Partitions and Access Flooring				

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Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 9</u></p> <p><u>FLOOR COVERINGS, WALL LININGS, ETC</u></p> <p><u>PREAMBLES FOR TRADES</u></p> <p>For preambles refer to "General Preambles for Trades 2017"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Note:</u></p> <p>Wherever a trade name for any product has been described in the Priced Document attention is drawn to the fact that an equivalent may be priced if the specifications of the equivalent are matched. Final approval of the Principal agent/Client.</p> <p>The following floor covering are to be supplied and applied in strict accordance with the manufacturer's specification.</p> <p><u>FLOOR COVERINGS</u></p> <p><u>Belgotex earth rock colour stonehenge stainproof SDX & AMP carpet tiles to be laid with plain back in accordance with manufacturer's specifications.</u></p>				
1	<p>500 x 500 X 9mm Belgotex carpet tiles on floors</p> <p><u>VINYL FLOOR COVERING</u></p> <p><u>Polyflor Simplay Wood loose lay Heterogeneous multi-layer flooring (Colour white Ash) or approved equivalent, plank size 1219 x 178 x 5mm thick, fixed floating. Expansion gaps of 10mm from walls and any vertical structures to be maintained during installation. All expansion gaps to be concealed using Polyflor flooring profiles, installed with manufacturers recommendations:</u></p>	m2	74		
2	<p>On floors</p>	m2	74		
	<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 9 Floor Coverings, Wall Linings, etc</p>			R	

[illegible]

Item No	Unit	Quantity	Rate	Amount															
<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>IRONMONGERY (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Finishes to ironmongery, etc:</u></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered : CH Chromium plated : SC Satin chromium plated : SE Silver enamelled : GE Grey enamelled : AS Anodised silver : AB Anodised bronze : AG Anodised gold : ABL Anodised black : PB Polished brass : PL Polished and lacquered : PT Epoxy coated.</p> <p>All locks are Master key operational.</p> <p>All ironmongery is deemed to include fitment of screws that best match the finish of the item specified.</p> <p>All ironmongery are to be fitted as per manufacturer's instruction</p> <p><u>SUPPLY AND FIX THE FOLLOWING</u> <u>IRONMONGERY REFER TO DRAWINGS NO.</u> <u>4035-601-610</u></p> <p><u>HINGES, BOLTS,ETC</u></p> <table border="0"> <tr> <td>1</td><td>100 x 76mm Stainless steel butt hinge with stainless steel counter sunk screws and nylon washers</td><td>Pairs</td><td>16</td><td></td></tr> <tr> <td>2</td><td>37651-AS Helping hand indicator bolt for paraplegic toilets</td><td>No</td><td>1</td><td></td></tr> <tr> <td>3</td><td>Door closer fixing screw- stud 8 x 30mm & screw M5x75mm</td><td>No</td><td>16</td><td></td></tr> </table>					1	100 x 76mm Stainless steel butt hinge with stainless steel counter sunk screws and nylon washers	Pairs	16		2	37651-AS Helping hand indicator bolt for paraplegic toilets	No	1		3	Door closer fixing screw- stud 8 x 30mm & screw M5x75mm	No	16	
1	100 x 76mm Stainless steel butt hinge with stainless steel counter sunk screws and nylon washers	Pairs	16																
2	37651-AS Helping hand indicator bolt for paraplegic toilets	No	1																
3	Door closer fixing screw- stud 8 x 30mm & screw M5x75mm	No	16																
<p align="right">Carried Forward</p> <p>Section No.2: Building Work Bill No. 10 Ironmongery</p>				<p align="right">R</p>															

	Brought Forward			R	
4	DPS FP-BTF-32mmØ Flat head with 70x8mm threaded bolt for 19mmØ handle	Pairs	2.0		
5	152516 Mackie victorian open slide bolt - Satin chrome 150mm	No	1		
	<u>LOCKS</u>				
	<u>"Cisa" or approved equivalent</u>				
6	44820-35-20S Euro profile narrow style lock body with latch and single throw deadbolt 85mm CxC & 35mm backset W/O cylinder-EN12209 stainless steel	No	8		
7	55220-57-20 Euro/oval profile mortice sash lock body with 57mm CxC & 57mm backset - EN12209 stainless steel	No	7		
8	46210-35S Euro profile narrow stile lock body with swing bolt only 35mm backset W/O cylinder - EN12209 stainless steel	No	1		
9	C2000 0G302-10-12 Euro profile knob cylinder 65mm 32.5/32.5 master keyed-EN1303- nickel	No	15		
10	C2000 0G300-10-12 Euro profile double cylinder 65mm 32.5/32.5 master keyed-EN1303- nickel	No	1		
11	FWC101RLSS Project WC indicator turn, round rose, for WC dead lock stainless steel	No	3		
12	DPS Project WC Dead bolt with 8mm spindle follower - faceplate GR304 Stainless steel	No	3		
13	FWC101RLSS Project WC indicator turn, round rose, for WC dead lock stainless steel	No	1		
14	FEOCSS Narrow style escutcheon stainless steel	Pairs	1.0		
	<u>HANDLES</u>				
	<u>"Cisa" or approved equivalent</u>				
15	DPS H28 Slimline lever handles without springs with 85mm CXC-Natural	Pairs	8.0		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 10 Ironmongery				

Brought Forward				R	
16	DPS FT08 Project SSS lever handles on round rose with euro profile cylinder escutcheon	Pairs	7.0		
17	DPS FP-D22-BB Project D-Offset pull handle 30Ø x 300 CTC x 330mm back to back stainless steel	Pairs	1.0		
18	DPS FP-D10-BTF Project D-pull handle 32Ø x 300 CTC x 330mm bolt Thru stainless steel	No	5		
<u>DOOR CLOSERS</u>					
<u>"Cisa" or approved equivalent</u>					
19	Professional Plus2 R&P door closer non hold open EN 2-4 multi strength-EN1154-grey	No	6		
20	D62000397 Cam action slide channel door closer non hold open "pull side door/push side transom mount" EN2-4 adjustable strength with backcheck - EN1154-grey	No	1		
<u>LETTERS, NAMEPLATES, ETC</u>					
<u>"Union" or approved equivalent</u>					
<u>1.2mm Thick satin finished stainless steel plates countersunk screwed along edges</u>					
21	150 x 400 x 1.2mm GR430SS Push plates	No	18		
22	150 x 150 x 1.2mm GR430SS Disabled sign	No	1		
23	150 x 150 x 1.2mm GR430SS Staff WC sign	No	1		
24	150 x 150 x 1.2mm GR430SS public WC Female sign	No	1		
25	150 x 150 x 1.2mm GR430SS public WC Male sign	No	1		
26	813 x 200 x 1.2mm GR304SS Kick plates drilled and countersunk to suit screws	No	20		
Carried Forward				R	
Section No.2: Building Work Bill No. 10 Ironmongery					

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Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION No. 2</u></p> <p><u>BILL No. 11</u></p> <p><u>STRUCTURAL STEELWORK</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades".</p> <p><u>TRADE NAMES AND/OR PROPRIETARY BRANDS OF MATERIALS</u></p> <p>Where trade names and/or proprietary brands of various types of materials appear, they are used for purpose of reference to the types and quantities required, but other makes of similar types and equal may be used if approved in writing by the Architect</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p><u>GALVANISED STEEL BEAMS ETC</u></p> <p><u>Welded columns, beams and bracing in single lengths with flat base, cap, bearer and connection plates, bolted as per drawing F19537-S-002</u></p>				
1	IPE 200 x 100 x 22.4kg/m I-section beam	t	0.22		
	<p style="text-align: right;">Carried Forward to Summary of Section No. 2</p> <p>Section No.2: Building Work Bill No. 11 Structural Steel</p>			R	

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 12</u></p> <p><u>METALWORK (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p><u>Aluminium doors, windows, etc.</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 12</p> <p>Metalwork</p>				

<p style="text-align: right;">Brought Forward</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <p>1) A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</p> <p>2) A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively</p> <p>3) A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process</p> <p>4) A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked</p> <p>5) A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years</p> <p>The contractor is to provide the departmental representative detailed drawings of the installation process prior to the installation of the aluminium windows.</p> <p><u>BALUSTRADING</u></p> <p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 12 Metalwork</p>			R	
			R	

	Brought Forward			R	
	<u>Galvanised mild steel "Mentis" ball type or approved equivalent balustrading</u>				
1	Galvanised mild steel tubular Handrail, consisting of 1000mm high, 90° 50mm diameter stanchions welded to 20mm diameter hollow tubes spaced at 100mm centres and 10mm diameter gms rods spaced at equally 100mm centres, with 50mm diameter tubular handrails. Top mounted stanchions to be fitted with baseplates pre-drilled with 30 x 18mm slotted holes for fixing to concrete/structure below, including all necessary bends, closures, ferrules etc. as indicated on drawing number 4035-523	m	12		
2	50mm Diameter x 1,5mm thick tabular handrails welded to 16mm diameter mild steel rods welded to 50mm diameter x 10mm thick stainless steel disc pre-drilled to take 4 No. M8 mild steel rowl bolts embedded into wall as per drawing number 4035-524	m	10		
3	16mm Expansion anchor with bolt	No	48		
	<u>ALUMINIUM WINDOWS AND DOORS</u>				
	<u>Factory standard Epoxy coated aluminium windows, complete with subframes, ironmongery, 6.38mm safety laminated clear/obscure glass, sealing, cill, etc and fixing to brickwork or concrete, all in strict accordance with the manufacturer's specifications and recommendations (Refer to drawing No. 4035-621 to 623)</u>				
4	Window size 1200 x 1260mm high (Type W3)	No	2		
5	Window size 1511 x 1260mm high (Type W1)	No	5		
6	Window size 2000 x 1260mm high (Type W2)	No	4		
	<u>Factory standard Epoxy coated aluminium doors, complete with subframes, (ironmongery elsewhere measured), 6.38mm laminated clear glass, sealing, etc and fixing to brickwork or concrete, all in strict accordance with the manufacturer's specifications and recommendations</u>				
7	Single door with clear glazed, size 900 x 2 100mm high overall (D1) (as per architects drawing no.4035-601)	No	4		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 12 Metalwork				

[illegible]

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 13</u></p> <p><u>PLASTERING (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Preparation of surfaces</u></p> <p>Surfaces shall be dry and clean, free of dust, sand, grit and flaking particles, laitance and loose matter, contaminants such as oil, grease, etc. Surfaces shall have a moisture content not exceeding 4%. All free standing water to be removed prior to application of primers or compounds. Absorbent surfaces to be thoroughly pre-soaked in fresh water. Oil, grease, animal fats, etc. to be removed with suitable 'Ivory Chemicals' product to be applied in strict accordance with the manufacturer's instructions. Once clean, surfaces to be profiled mechanically (scabbling, blasting, scarifying, chipping or grinding) or by means of acid etching, one part 'Ivory Concrete Etchant' thinned with two parts water applied at the rate of 2m²/1 litre in strict accordance with the manufacturer's instructions.</p> <p>Generally substrate surfaces to have good wood float, steel trowel or power floated finish conforming in evenness and level to required tolerance with minimum compressive strength of 20MPa or above 25 N/mm² compressive strength. Screeded surfaces to be minimum 30mm thick.</p> <p>Expansion joints in Granolithic screed finish to be approved polysulphide sealant, laid at 5m² apart in strict accordance with manufacturer's specifications.</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 13</p> <p>Plastering</p>				

Brought Forward			R
<u>SCREEDS</u>			
<u>Screed on concrete:</u>			
1	30mm Thick on floors and landings	m2	247
<u>INTERNAL PLASTER</u>			
<u>Cement plaster on brickwork:</u>			
2	On walls	m2	124
3	On narrow widths	m2	3
<u>Cement plaster steel trowelled, on face brick</u>			
4	On walls	m2	7
<u>EXTERNAL PLASTER</u>			
<u>Cement plaster on brickwork:</u>			
5	On walls.	m2	67
Carried Forward to Summary of Section No. 2 Section No.2: Building Work Bill No. 13 Plastering			R

Item No	Unit	Quantity	Rate	Amount
<u>SECTION NO. 2</u>				
<u>BILL NO. 14</u>				
<u>TILING (PROVISIONAL)</u>				
<u>PREAMBLES</u>				
For preambles refer to "Model Preambles for Trades"				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding				
Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat				
Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" ("Ceresit Tylon") or equivalent range of products as recommended by the manufacturer of the tiles				
Tenderers are to note and make all due allowances in their rates for the works beings executed in phases and will not necessarily occur concurrently.				
<u>WALL TILING</u>				
<u>200 x 200mm Union tiles Yek or equally approved ceramic tiles, fixed to internal wall plaster backing with tile adhesive mixed with bonding liquid in lieu of water with joints continuous in both directions and grouted with tile grout:</u>				
1	On walls	m2	76	
2	On narrow widths	m2	14	
Carried Forward				R
Section No.2: Building Work Bill No. 14 Tiling				

[illegible]

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 15</u></p> <p><u>PLUMBING AND DRAINAGE</u> <u>(PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Excavations:</u></p> <p>No claim for rock excavation will be entertained unless the Contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>'Soft rock' and 'hard rock' shall be as defined in 'Earthworks'</p> <p><u>Laying, backfilling, bedding, etc. of pipes:</u></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>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 SAB</p> <p><u>Flush pans:</u></p> <p>Flush pans shall have straight or side outlets and 'P' or 'S' traps as necessary</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc:</u></p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 15</p> <p>Plumbing and Drainage</p>				

	Brought Forward			R	
	<p><u>Waste unions:</u></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</p> <p>Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described</p> <p>Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, 'Layflat' sheeting, securing of same, etc.</p> <p>Prices for wrapping of pipes shall include for all work as described to couplings in the length</p> <p>Dependent on soil or environmental conditions laps may require to be increased to a maximum of 55% (which results in a double layer)</p> <p><u>Sealing of edges</u></p> <p>Outer edges of sinks, basins, urinals, etc. are to be sealed against adjacent surfaces with approved silicone</p> <p><u>As-built drawings</u></p> <p>Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)</p> <p><u>RAINWATER DISPOSAL</u></p> <p><u>"Watertite" or approved equivalent seamless aluminium prepainted white gutters and rainwater pipes with and including brackets, fixings, etc, all in accordance with the manufacturer's specifications and recommendations</u></p>				
1	125 x 85 x 0.6mm Ogee eaves gutters	m	92		
	Carried Forward			R	
	<p>Section No.2: Building Work Bill No. 15 Plumbing and Drainage</p>				

	Brought Forward			R	
2	75 x 100mm Rainwater pipes	m	45		
3	Extra over eaves gutter for stopped end	No	12		
4	Extra over eaves gutter for angle	No	2		
5	Extra over eaves gutter for outlet for 75 x 100mm pipe	No	15		
6	Extra over rainwater pipe for bend	No	15		
7	Extra over rainwater pipe for shoe	No	15		
	<u>SANITARY FITTINGS</u>				
	Rates for sanitary fittings to include for silicone and sealing to walls, cupboards and floors as applicable				
	<u>"Vaal" or approved equivalent vitreous china WC suites:</u>				
8	Pearl Paraplegic floor mounted WC (Code 7300SC) consisting of 90° outlet pan (Code 750200) and matching 9 litre cistern (Code 7116LP) complete with lid, fittings and purpose made chrome plated side flush lever (Supplied with Buxton sta-tite seat and cover plate (Code 41165533) all complete as per Architects sanitary ware schedule	No	1		
9	Vaal Hand wash basin (Code 7023), with double tap holes, including flexible overflow. Bolted to wall using two 10mm bolts, bolted to wall all complete as per Architects sanitaryware schedule	No	1		
10	Double flap, heavy duty plastic toilet seat and lid to be securely fitted	No	1		
	<u>WASTE UNIONS, ETC.</u>				
	<u>"Cobra Watertech" or approved equivalent</u>				
11	50mm Brass shower waste with 75mm diameter chrome plated shower grating (VA2.342)	No	2		
	<u>TRAPS, ETC.</u>				
	Carried Forward			R	
	Section No.2: Building Work Bill No. 15 Plumbing and Drainage				

	Brought Forward			R	
	<u>uPVC:</u>				
12	40mm Deep seal "P" trap	No	1		
13	40mm 360 CP bottle trap	No	1		
14	50mm Du Bois DB9A shower trap with plain grate 38 seal	No	1		
	<u>TAPS, VALVES, ETC.</u>				
	<u>Brass:</u>				
15	15mm Stopcock	No	6		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC pipes:</u>				
16	40mm Pipe fixed to or chased into brickwork	m	15		
17	110mm Pipes laid in and including trenches not exceeding 1m deep	m	10		
	<u>Extra over uPVC pipes for fittings:</u>				
18	40mm Bend	No	4		
19	40mm Access bend	No	3		
20	110mm Bend	No	2		
21	110mm Access bend	No	1		
22	110mm Pan connector	No	1		
	<u>Gulleys:</u>				
23	110mm uPVC gulley trap not exceeding 750mm deep, including vertical piping, gulley head and grating, all encased in concrete and pre-cast concrete gully size 410 x 395 x 115mm, etc as per Architects drawing No. 4035-518	No	1		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 15 Plumbing and Drainage				

Brought Forward				R
<u>Sundries:</u>				
24	Testing waste pipe system (per location)	No	1	
<u>Connections:</u>				
25	Allowance for connecting new waste pipe to existing (per location)	No	2	
<u>REPAIRS TO PIPEWORK</u>				
<u>Repairs to water supply pipes:</u>				
26	Investigate as necessary to identify location and extent of leak in plastered wall finish	No	3	
27	Hack into existing plastered wall finish to allow for repair, including temporarily blanking off branch and reinstating, all to match existing (pipe repair elsewhere measured)	No	3	
28	Cut into existing copper pipe not exceeding 30mm diameter to remove damaged portion and reinstate, including testing (cutting into plaster and making good elsewhere measured)	No	3	
<u>Plumbing and Drainage certificate of compliance</u>				
<u>SUNDRIES</u>				
29	Provide a Plumbing and Drainage Certificate of Compliance for the works by a registered plumber		Item	
Carried Forward to Summary of Section No. 2				R
Section No.2: Building Work				
Bill No. 15				
Plumbing and Drainage				

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 16</u></p> <p><u>GLAZING (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>Float glass</u></p> <p>The term "float glass" is used for monolithic annealed glass</p> <p><u>Laminated glass</u></p> <p>Laminated glass to have polyvinyl butyral (PVB) interlayer(s)</p> <p><u>GLAZING TO STEEL WITH PUTTY</u></p> <p><u>6mm Clear float glass:</u></p>				
1	Panes not exceeding 0,1 m2	m2	35		
	<p><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></p> <p><u>5mm Silvered float glass copper backed mirrors, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete:</u></p>				
2	Mirror 600 x 1000mm high with 4 screws	No	1		
	<p style="text-align: right;">Carried Forward to Summary of Section No. 2</p> <p>Section No.2: Building Work Bill No. 16 Glazing</p>			R	

Item No		Unit	Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 17</u></p> <p><u>PAINTWORK (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Colours</u></p> <p>Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091</p> <p><u>PREPARATORY WORK TO NEW WORK SURFACES</u></p> <p><u>General</u></p> <p>Surfaces are to be completely dry and free of all surface contamination. Specified primer coats are to be applied prior to filling. Fill all surface defects with suitable filling material and allow to dry. Sand flush with surrounding surface and dust off. All subsequent coatings are to be dry in depth before overcoating. All masking and drop sheeting necessary to protect adjacent surfaces are to be supplied by the Contractor.</p> <p><u>Plaster</u></p> <p>Scrape down to remove cement splashes. Fill all surface defects using approved exterior filler on exterior surfaces and cellulose filler on internal surfaces. Sand flush with surrounding surface and dust off.</p> <p><u>Concrete</u></p> <p>Brush down all areas of efflorescence with a stiff bristle brush. Scrape down to remove all concrete splashes. Fill all large blow holes and other surface defects using Xterplast. Sand down flush with surrounding substrate and dust off.</p>				
	Carried Forward			R	
	<p>Section No.2: Building Work</p> <p>Bill No. 17</p> <p>Paintwork</p>				

<p style="text-align: right;">Brought Forward</p> <p><u>Fibre Cement</u></p> <p>Brush down using a soft bristle brush to remove all surface dust.</p> <p><u>Fair Face</u></p> <p>Brush down using a hard bristle brush to remove excess cement dust and all efflorescence.</p> <p><u>Woodwork</u></p> <p>Treat all knots and other resinous areas with knotting compound. Prime all nail and screw heads with specified primer, and stop up with wood stopping. If necessary flush fill all grain with wood grain filler. Sand down to smooth surface in the direction of the grain, rounding off all sharp edges and dust off. All exterior woodwork and internal frames to be primed all round prior to fixing. Window rebates to be primed and undercoated prior to glazing.</p> <p><u>Steel</u></p> <p>If unsuitable, remove all factory shopcoats. Remove all mill scale, rust and other contamination. Treat all affected areas with rust neutraliser. Entire surface must be washed down and dried immediately prior to coating.</p> <p><u>Galvanised Iron</u></p> <p>Wash off all oils and grease using galvanised iron pre-cleaner and scrubbing pad or brush to achieve a water-break free surface. Wash off all traces of cleaning agent and allow to dry. Prime all overlaps and backs of frames prior to fixing. Window rebates are to be primed and undercoated before glazing.</p> <p><u>PVC and Fibre Glass</u></p> <p>Scrape down and solvent wipe to remove all plaster splashes and surface contamination.</p>			R	
<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 17 Paintwork</p>			R	

Brought Forward			R	
<u>PREPARATORY WORK TO EXISTING WORK</u>				
<u>Previously painted brick walls:</u>				
Where hairline cracks are evident, fill in cracks with suitable filler. After the filler has been applied and dried, sand over lightly to smooth before painting.				
Where applicable, open up deeper cracks in a 'V' formation, remove residue, seal and fill cracks.				
Where applicable, open up deeper cracks in a 'V' formation, remove residue, seal and fill cracks.				
<u>Previously painted surfaces:</u>				
<u>Previously painted plastered surfaces:</u>				
Surfaces shall be thoroughly washed down to remove dirt and other contaminants and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler, sanded smooth and the surface coated with an approved primer				
<u>Previously painted plaster board:</u>				
Wash down ceilings and other plaster board surfaces with sugar soap and rinse well before painting				
<u>Previously painted metal surfaces:</u>				
Surfaces shall be thoroughly rubbed and cleaned down to remove dirt and other contaminants and sanded lightly to provide a key for subsequent coats. Blistered or peeling paint shall be completely removed down to bare metal and any rust encountered shall be removed. Surfaces shall be coated with an approved primer				
<u>Previously painted wood surfaces:</u>				
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with a suitable filler and sanded smooth				
Carried Forward			R	
Section No.2: Building Work Bill No. 17 Paintwork				

	Brought Forward			R	
	<u>PAINTWORK, ETC. TO NEW WORK</u>				
	<u>SABS Approved paint applied in accordance with manufacturer's instructions:</u>				
	<u>ON PLASTER, ETC</u>				
	<u>Prepare and apply one coat masonry primer and two coats of super acrylic 100% internal quality emulsion paint to approved colour</u>				
1	On internal walls	m2	124		
2	On external walls	m2	67		
	<u>ON FIBRE CEMENT</u>				
	<u>Prepare surface, apply one coat Professional Gypsum and Plaster Primer (PP700) or approved equivalent to achieve complete obliteration (Allow 16 hours to dry) and apply two coats Plascon or equally approved Professional Superior Low Sheen (PEM 1000/TLS to achieve complete obliteration (Allow 1 hour drying between coats) all as per manufacturers recommendations (Colour by Architect):</u>				
3	On fascias and barge boards	m2	167		
4	On ceilings and cornices	m2	159		
	<u>ON PLASTER BOARD</u>				
	<u>Prepare and apply one coat of acrylic primer and two coats of super acrylic 100% internal quality emulsion paint to approved colour.</u>				
5	Partitions	m2	168		
6	On ceilings and cornices	m2	146		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 17 Paintwork				

	Brought Forward			R	
	<u>ON WOOD</u>				
	<u>Prepare and apply one coat of wood primer, one coat of universal undercoat and two coats of plascon velvagio or approved equivalent paint to approved colour.</u>				
7	On doors	m2	38		
8	On door frames	m2	13		
9	Skirting, rails, etc not exceeding 300mm girth	m	171		
	<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED SURFACES</u>				
	<u>SABS Approved Paint applied in accordance with manufacturer's instructions:</u>				
	<u>ON PLASTER, ETC</u>				
	<u>Prepare and apply one coat bonding liquid and two coats of super acrylic 100% internal quality emulsion paint to approved colour</u>				
10	On internal plastered walls	m2	524		
11	On external walls	m2	373		
	<u>ON METAL</u>				
	<u>Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and apply one coat of red oxide and two coats of plascon velvagio or approved equivalent paint on steel:</u>				
12	On windows	m2	50		
	Carried Forward			R	
	Section No.2: Building Work Bill No. 17 Paintwork				

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 18</u></p> <p><u>EXTERNAL WORK (PROVISIONAL)</u></p> <p><u>PREAMBLES</u></p> <p>The Model Preambles for Trades (2008 edition) as 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 Model Preambles will be entertained.</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground:</u></p> <p>The nature of the ground is assumed to be loose sandy material, gravel or silty clay with loose silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock".</p> <p>Should the Contractor encounter any "soft" or "hard" rock in the excavations, he shall immediately notify the Engineer who shall be the sole arbiter as to what constitutes "soft" or "hard" rock for final account purposes.</p> <p><u>Subterranean water:</u></p> <p>Subterranean water levels will vary from site to site</p> <p><i>The Contractor shall inform the Principal Agent of any subterranean water encountered on site and submit recommendations and a cost for keeping works free from subterranean water.</i></p>			
	Carried Forward		R	
	<p>Section No.2: Building Work</p> <p>Bill No. 18</p> <p>External Works</p>			

<p style="text-align: right;">Brought Forward</p> <p><u>Excavation for working space in rock:</u></p> <p>Notwithstanding clause 11 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be.</p> <p><u>Carting away of excavated material:</u></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.</p> <p><u>Filling:</u></p> <p>Notwithstanding the reference to prescribed multiple handling in Clause 1 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material.</p> <p><u>Testing:</u></p> <p><i>Prices for backfilling to trenches and holes only are to include for all necessary density tests in accordance with SANS 1200D</i></p> <p><u>Maintenance period:</u></p> <p>The maintenance period to civil works such as roads, parking and related earthworks shall be twelve calendar months.</p>			R
<p style="text-align: right;">Carried Forward</p> <p>Section No.2: Building Work Bill No. 18 External Works</p>			R

Brought Forward			R	
<u>PAVING</u>				
<u>Corobrick paver or approved equivalent Pavers, size 220 x 108.5 x 50mm thick, laid in 45degree herringbone with border pattern laid to cross fall to the open edge on and including 30mm thick sand layer with joints filled in with sand, compacted with a vibration compactor, Paving to be inspected and re-sanded after three months, all in strict accordance with the manufacturer's specifications and recommendations</u>				
1	Paving to walkway areas, etc to falls	m2	86	
2	220mm Edging on and including 220 x 150mm thick unreinforced concrete bedding including excavation, formwork, etc.	m	48	
<u>Two layers of 250 micron dpm green polyethylene sheeting with joints and sealed with pressure sensitive tape</u>				
3	Under paving	m2	86	
<u>Earth filling supplied by the contractor under pavings, etc</u>				
4	Over site of G7 material in accordance with SABS 1200 DM compacted to 93% Mod AASHTO density	m3	25	
5	Over site of G5 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density	m3	17	
<u>"Cape Concrete" or approved equivalent</u>				
6	Precast concrete edging ref. E3, bedded, jointed and pointed in 1-3 cement mortar including shallow excavation, small concrete foundation and concrete benching behind joints	m	5	
7	30-50mm Crushed stone aggregate, wrapped in filter fabric with ≥ 300mm overlaps	m3	0.4	
Carried Forward			R	
Section No.2: Building Work Bill No. 18 External Works				

Brought Forward				R
<u>SUNDRY STEELWORK</u>				
<u>30x3mm Galvanised mild steel rectangular hollow sections drainage pipes built into wall at 500mm c/c.</u>				
8	250mm Long drainage pipes	No	20	
<u>FENCING AND GATES</u>				
<u>Breaking down and removing precast concrete wall including carting away on site to a dumping site to be located by the Contractor approximately 1,800mm high, prepare surface for excavations and levelling.</u>				
9	1.8m High vibracrete walls	m	15	
<u>"Cochrane ClearVu" or approved equivalent 3297 x 2100mm security mesh fencing panel of 3mm diameter wire with 76.2x50mm appatures. Panels to be reinforced with 4x50mm deep "V" formation bends, fixed to "Cochrane" or approved equivalent 85x45x85mm taper locking posts of matching finish, complete with UV stabilised polymer caps and with posts bedded in 15MPa 20mm aggregate concrete bases size 450 x 450 x 600m. All components to be Marine fusion bond coated as per manufacturer's specifications as per Architects drawing No. 200:</u>				
10	"ClearVu" or approved equivalent Invisible Wall Modular Split Panel fencing 1.8m high above ground level, comprising of mesh galvanized and marine fusion bond coated (acid modified) Jet black coated panels, panel size 3 297 x 2 100m high (fencing posts and gates elsewhere measured)	m	27	
11	100mm High toughened steel shark tooth spike to top of fencing	m	27	
12	2.7m High Strengthened Taper locking posts of galvanized and marine fusion bond coated (acid modified) Jet black coating, including footings, excavations for footings, etc	No	15	
13	Single gate size 1030 x 1800mm high overall of galvanized and marine fusion bond coated (acid modified) Jet black coating, including ironmongery to gate, complete	No	2	
Carried Forward				R
Section No.2: Building Work Bill No. 18 External Works				

	Brought Forward		R	
14	Double gate size 1800 x 1800mm high overall of galvanized and marine fusion bond coated (acid modified) Jet black coating, including ironmongery to gate, complete	No	1	
15	Sliding gate size 5000 x 1800mm high overall of galvanized and marine fusion bond coated (acid modified) Jet black coating, including ironmongery to gate, complete	No	1	
Carried Forward to Summary of Section No. 2				R
Section No.2: Building Work				
Bill No. 18				
External Works				

Item No		Unit	Quantity	Rate	Amount
	<u>SECTION NO. 2</u>				
	<u>BILL NO. 19</u>				
	<u>PROVISIONAL AMOUNTS</u>				
	<u>ELECTRICAL INSTALLATION</u>				
1	Provide the amount of R 70 000.00 (Seventy Thousand Rand) for Electrical Installation		Item		70,000.00
2	Allow for profit		Item		
3	Allow for attendance		Item		
	<u>WET SERVICES</u>				
4	Provide the amount of R 50 000.00 (Fifty Thousand Rand) for Wet services, Plumbing and Unforeseen Repairs		Item		50,000.00
5	Allow for profit		Item		
6	Allow for attendance		Item		
	Carried Forward to Summary of Section No. 2			R	
	Section No.2: Building Work				
	Bill No. 19				
	Provisional Amounts				

Section No. 2					
Section No.2: Building Work					
Bill No	<u>SECTION SUMMARY - Section No.2: Building Work</u>		Page No		Amount
	1 Alterations		42		
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	5 Waterproofing		56		
	6 Roof Coverings		61		
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	8 Ceilings, Partitions and Access Flooring		70		
	9 Floor Coverings, Wall Linings, etc		72		
	10 Ironmongery		76		
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	18 External Works		102		
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Carried to Final Summary				R	
Section No.2: Building Work					

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