



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

147Q/2023/24 THE CONSTRUCTION OF NON-MOTORIZED TRANSPORT FACILITIES AND UNIVERSAL ACCESS IN THE MITCHELLS PLAIN AREA

Non-compulsory Tender Clarification

Agenda

- PMT introduction
- Locality
- Scope of works
- Work layouts and cross-sections
- Tender information
- Closing

PMT Introduction

Employer	City of Cape Town Urban Mobility Directorate: Infrastructure Implementation	Mandisi Sikolo
Employer's Agent	Knight Piésold Consulting	Frederik Snijders Mandilakhe Mbhele
Subconsultant	Megan Anderson Landscape Architecture	Megan Anderson
OHS Subconsultant	Safe Working Practice	Mark Winter
Environmental Subconsultant	Holland & Associates	Ross Holland

Locality – Mitchells Plain



Scope of Works

Civil works

- Widening of existing sidewalks
- Construction of new sidewalks
- Repair and resurface existing sidewalks
- New cycling facilities
- New universal access

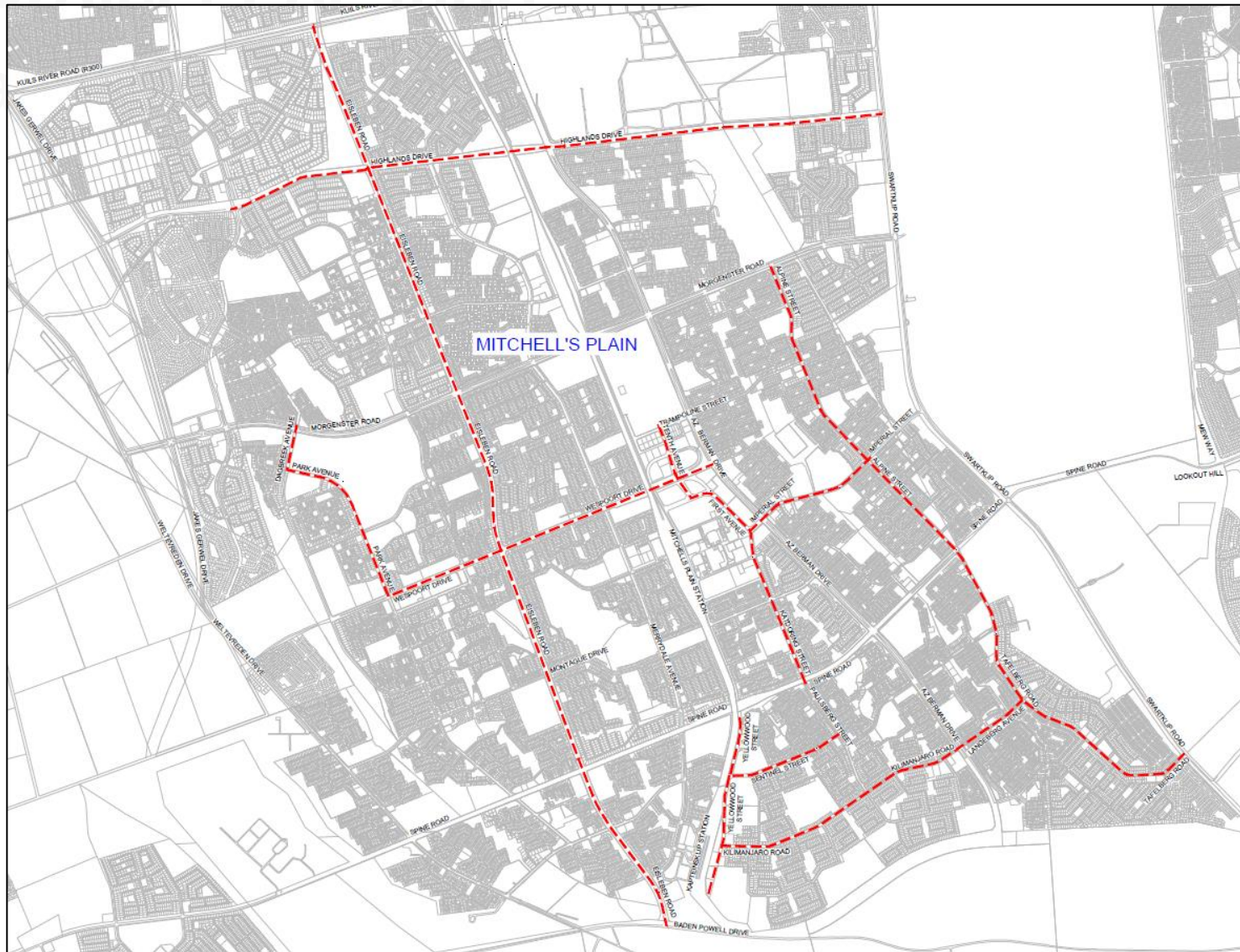
Scope of Works

Mitchells Plain

- Upgrade and implement new NMT infrastructure and improve universal access on the following major roads:

— New Eisleben Rd from R300 to Baden Powell Drive (Beach) (Class 3)	6.5 km
— Wespoort Drive form AZ Berman to Park Avenue (Class 3)	2.1 km
— Park Avenue from Dagbreek Road to Wespoort Road (Class 2)	1.1km
— Dagbreek Road from Morgenster Road to Park Avenue	0.2 km
— Kilimanjaro Road / Langeberg Avenue from Tafelberg Road to Yellowwood Street	2.3 km
— Yellowwood Street from Kilomanjaro to Kapteinsklip Station	0.2 km
— Sentinell Street to Spine Road Bridge underpass	0.9 km
— Sentinell Street from Yellowwood Street to Katdoring Street	0.7 km
— Imperial Road from Alpine Road to First Avenue, Beacon Valley	1.0 km
— Katdoring Road from Imperial Road to Spine Road	1.0 km
— First Venue from Trampoline Street to Imperial Street	1.0 km
— Alphine Street and Tafelberg Road from Morgenster Road to Swartklip Road	4.4 km
— Highlands Drive from Weltevreden Parkway to Swartklip Road	5.0 km

Project layout



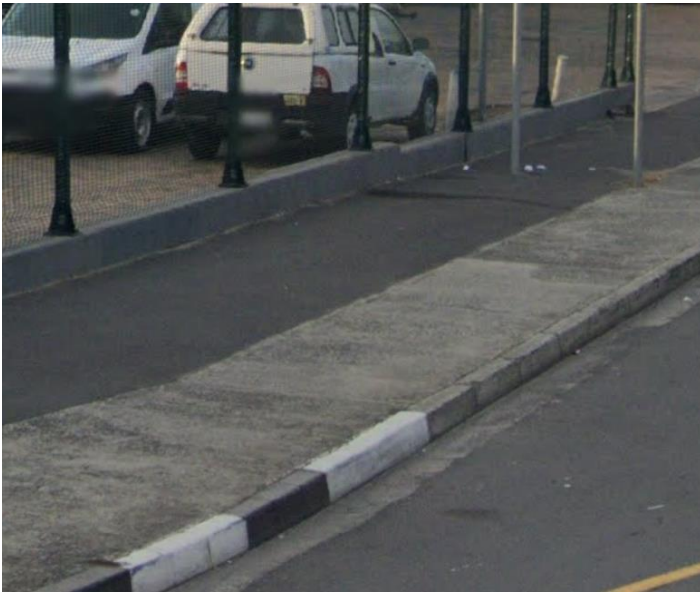
Design

Proposed facilities

- Class 2 and 3 arterial roads
 - Widen existing concrete sidewalk to 2.5m using asphalt;
 - Widen existing asphalt sidewalks to 2.5m using asphalt. Overlay full width if required;
 - Reconstruct sections of damaged concrete sidewalks with asphalt;
 - Class 3 dedicated cycling space in shoulder.
- Class 4 and 5 collectors and local streets
 - Widen existing concrete sidewalk to 2.0m using asphalt;
 - Widen existing asphalt sidewalks to 2.0m using asphalt. Overlay full width if required;
 - Reconstruct sections of damaged concrete sidewalks with asphalt;

Scope of Works

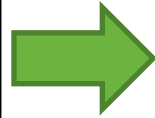
Widening existing sidewalks



- Widening to 2.5m for class 3 or higher and 2.0m for class 4 and class 5 roads
- Remove existing asphalt surfacing and edging
- Construct widening layers (150mm G7 and G5) from commercial sources
- New edging
- Rework and level the existing base and supplement with new G5
- 30mm COLTO fine for full sidewalk width
- New roadsigns

Scope of Works

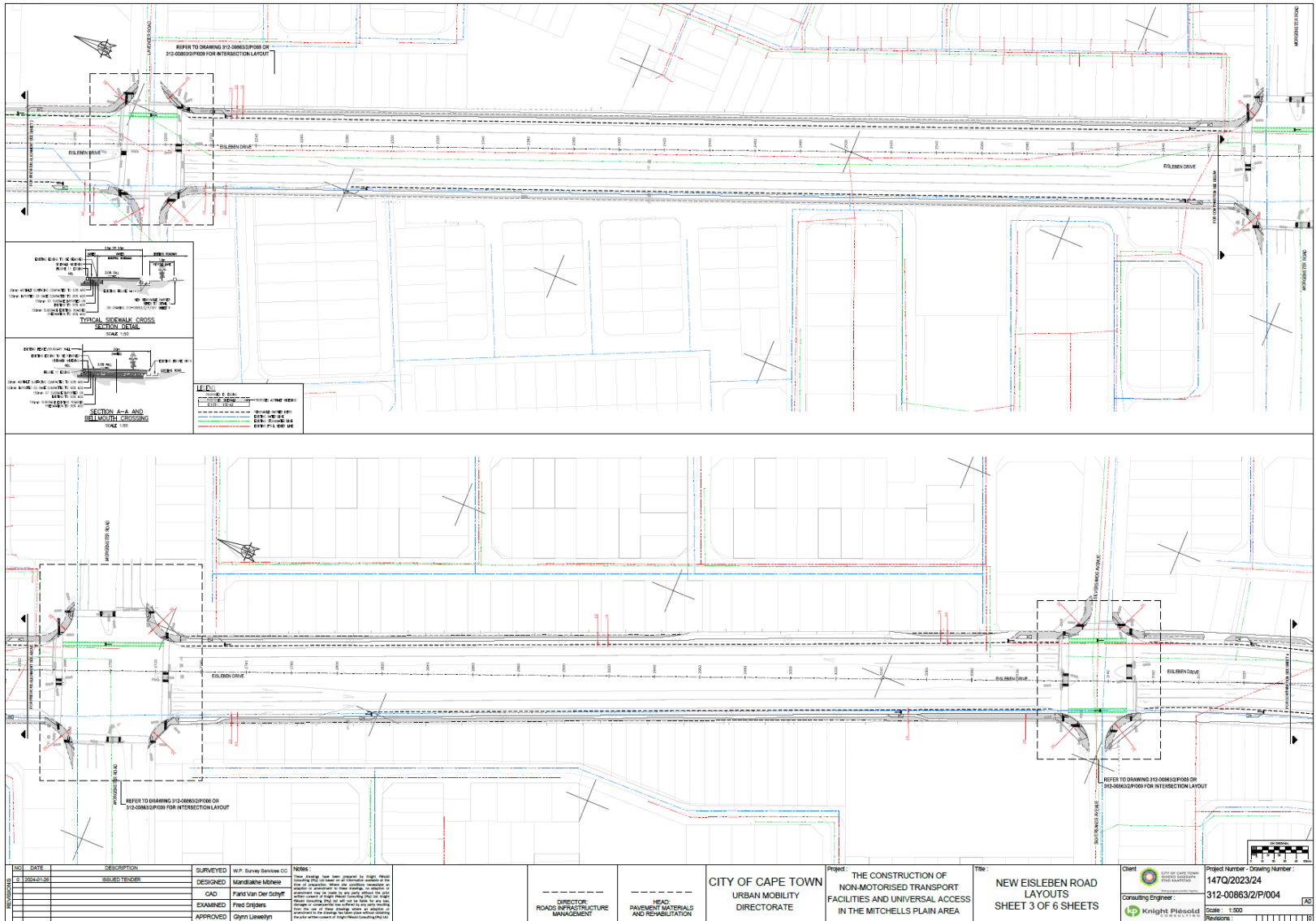
New sidewalks or sidewalk rehabilitation



- Remove existing surfacing, vegetation and rubble
- Excavate to roadbed level (unless G7 material is found)
- 150mm G7 subbase imported or existing
- 125mm G5 base imported
- 30mm COLTO fine for full sidewalk width
- New roadsigns



2.5m sidewalks



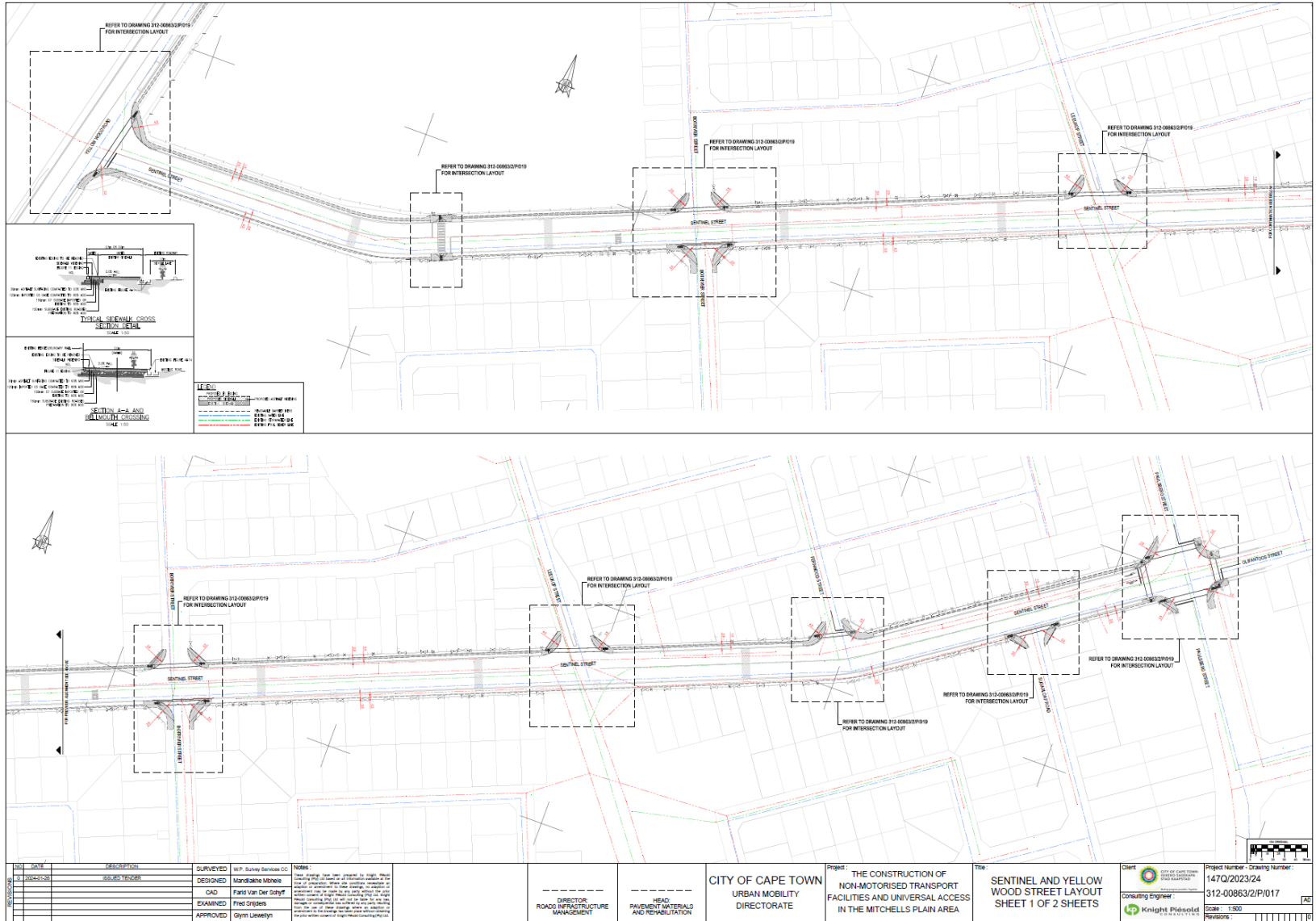
Sidewalk widening

Proposed facilities— Class 2 and 3 arterials



New Eisleben Road existing cross-section

2.0m sidewalks



Sidewalk widening

Existing facilities – Class 4 and 5 Local and collector streets



Kilimanjaro Street

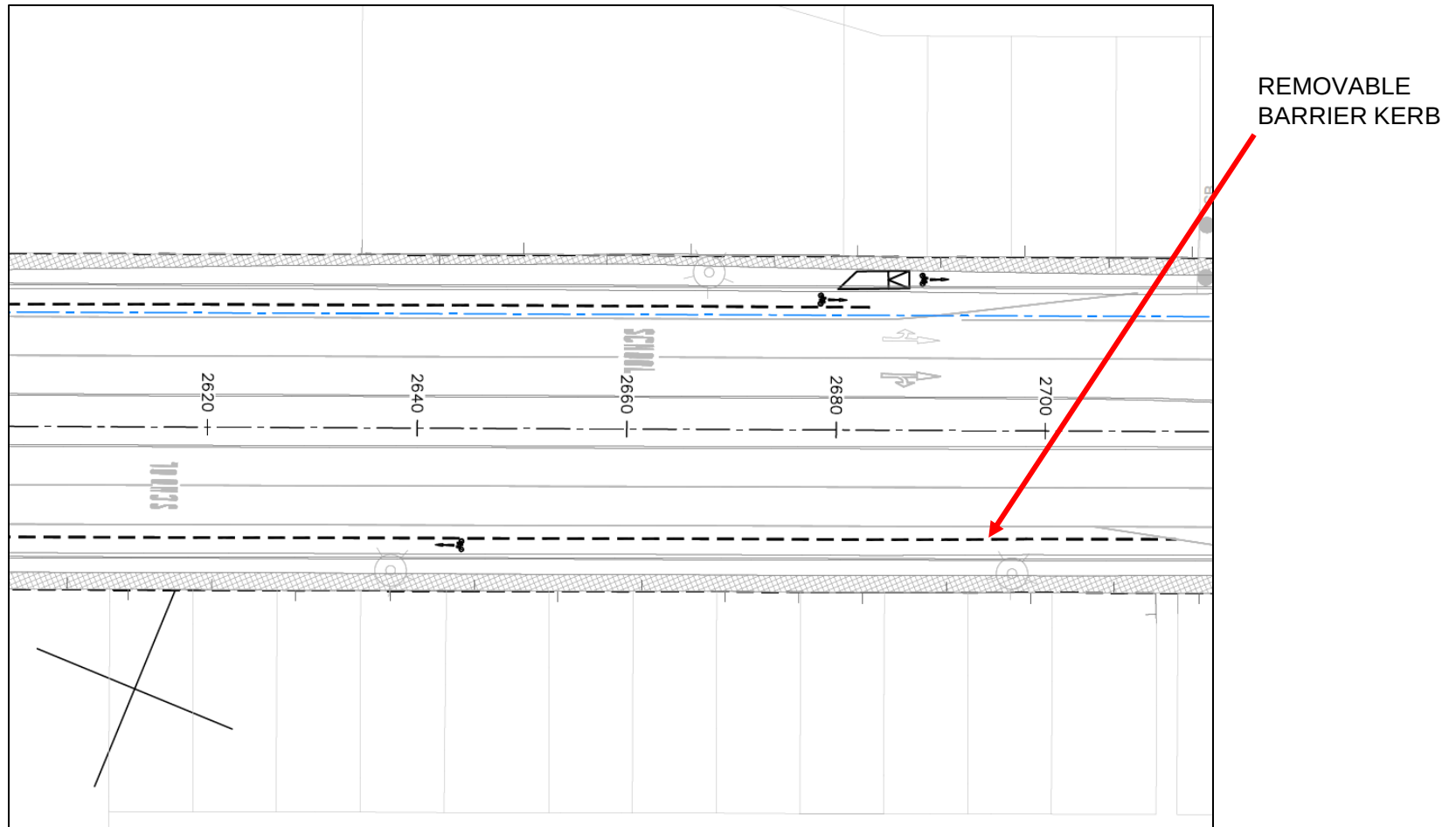
Scope of works

Sidewalk reconstruction



Cycling facilities

Dedicated cycling facilities

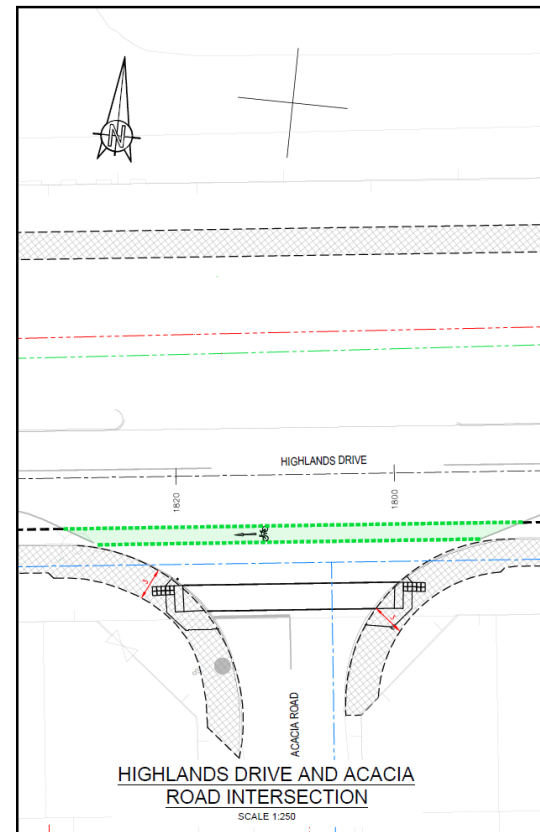
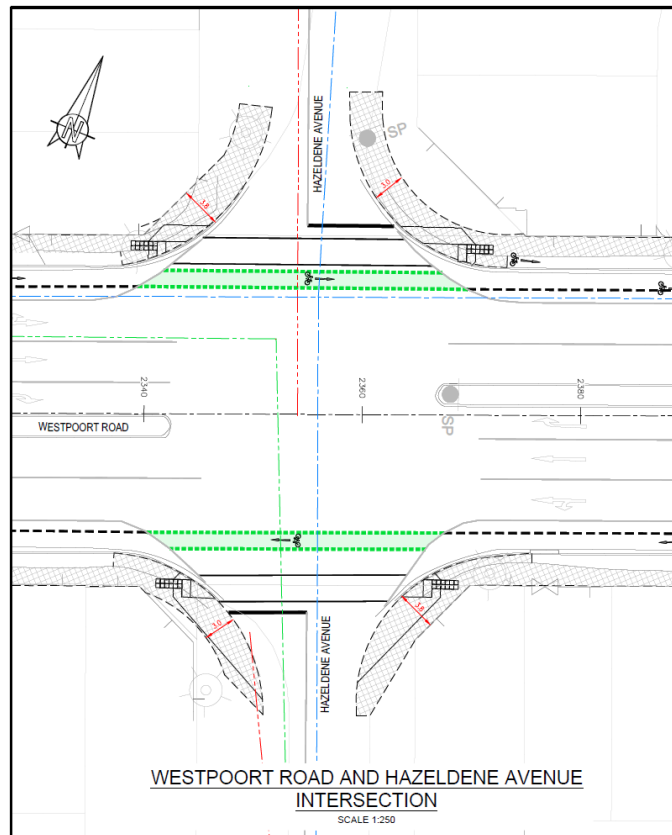


Removable barrier kerb



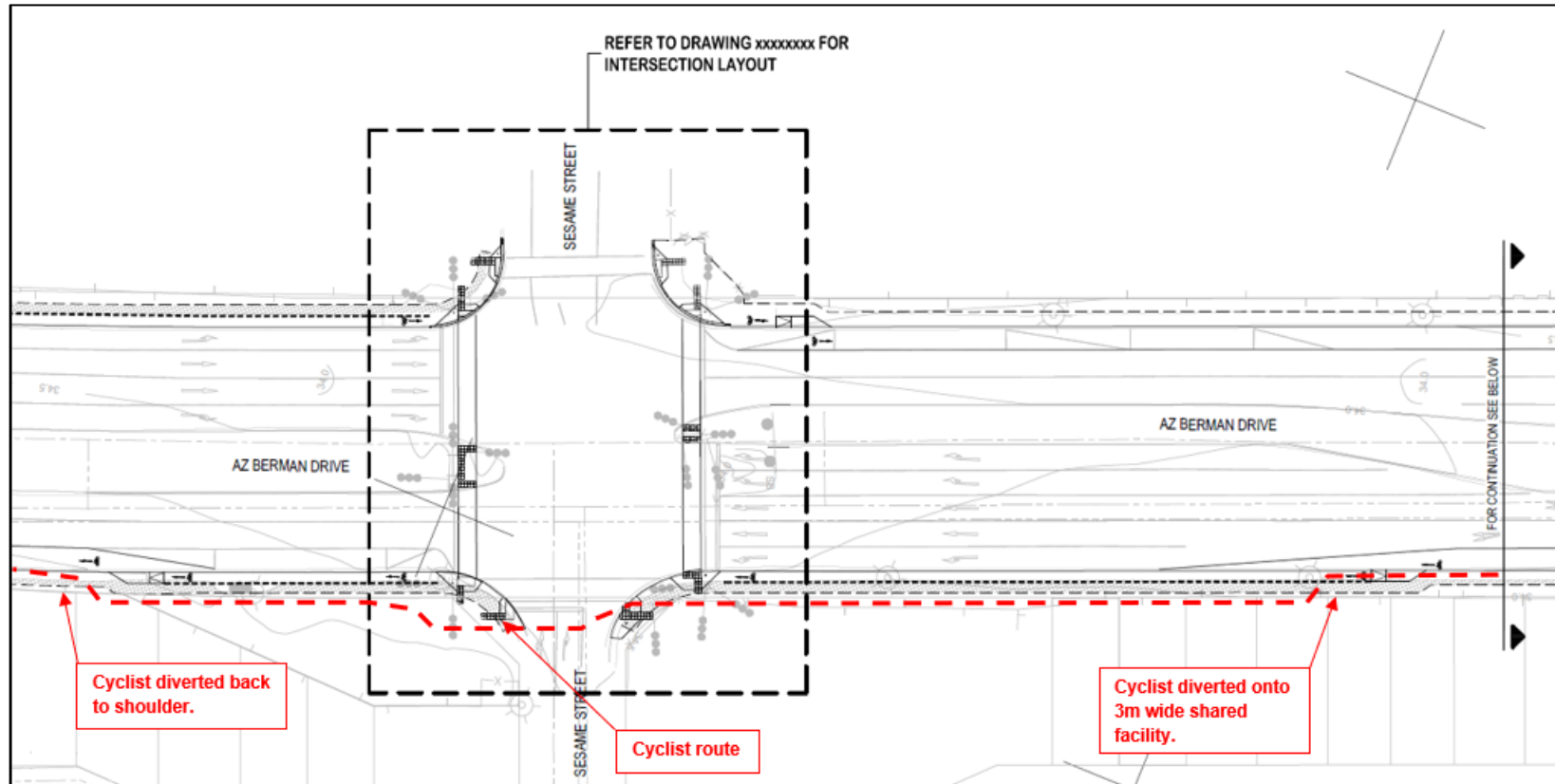
Cycling facilities

Green cycling strips



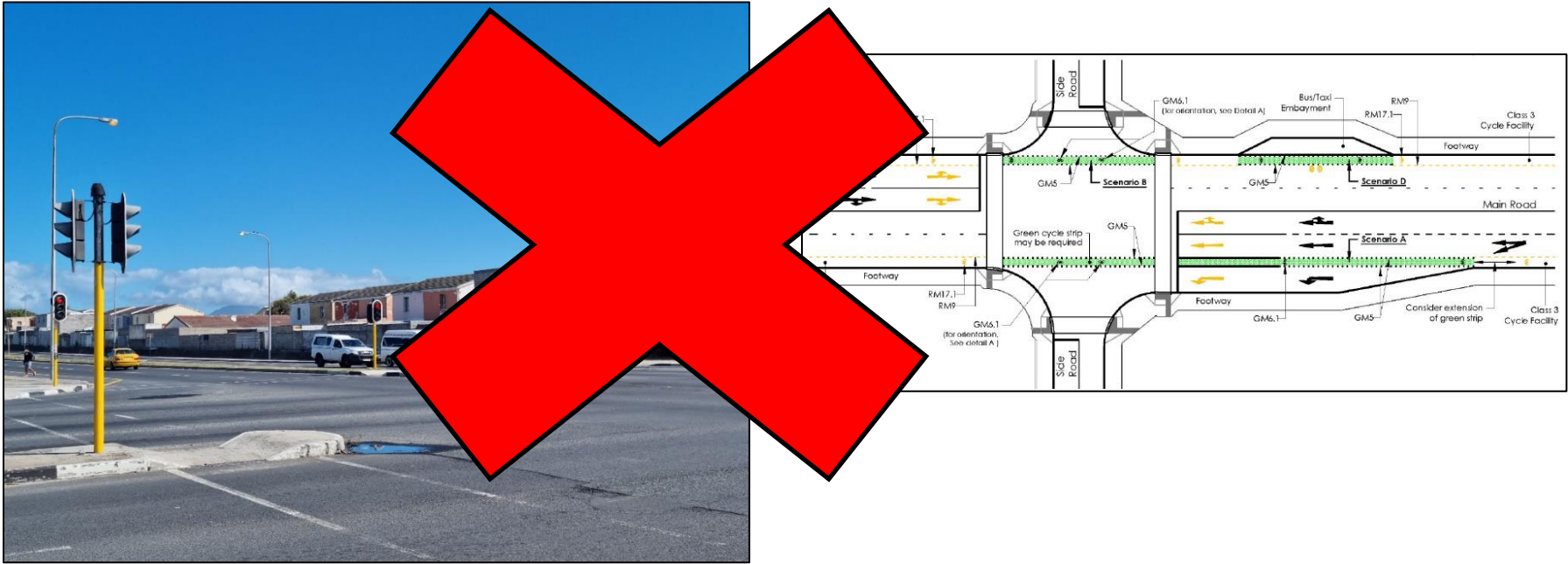
Cycling facilities

Cycling facilities through intersection



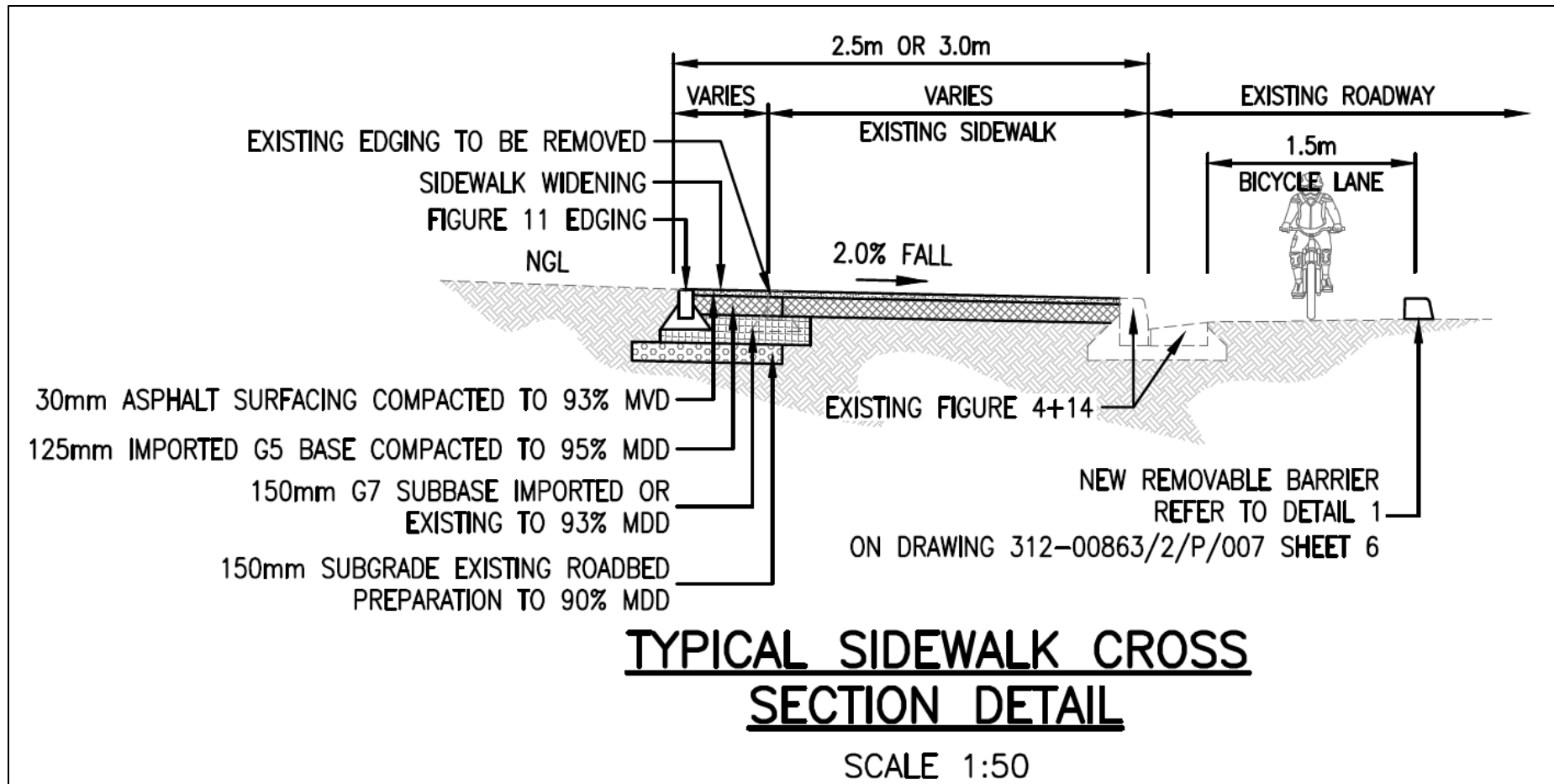
Design

Intersections – Cycling facilities

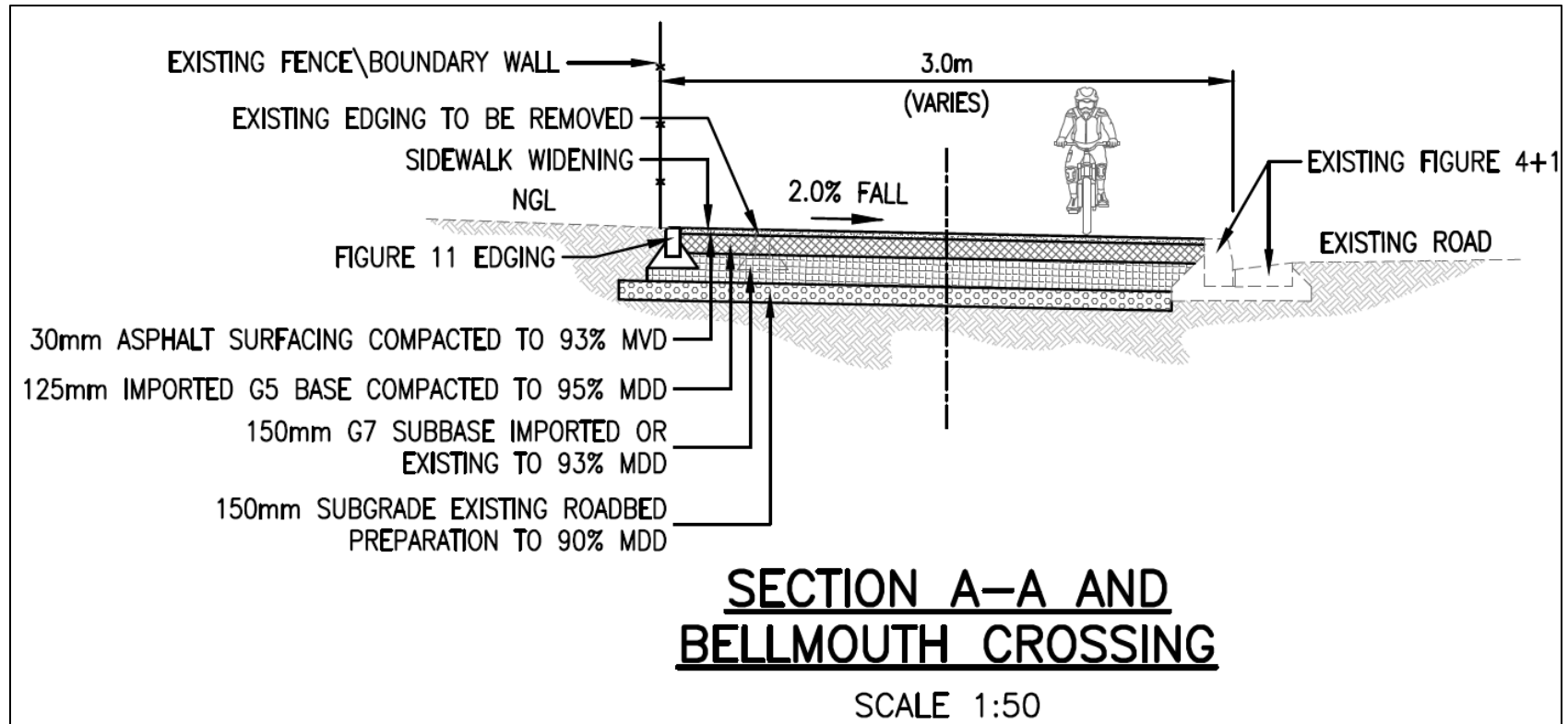


Four way intersection with dedicated turning lanes – Green cycle strip

Proposed works – cross section



New sidewalks and shared facilities



Universal access

- Widen sidewalks around bellmouths to 3.0m for construction of universal access ramps
- Upgrade universal access according to drawings RD4.1-RD4.13 from the CCT Standards and Guidelines for Roads and Stormwater.



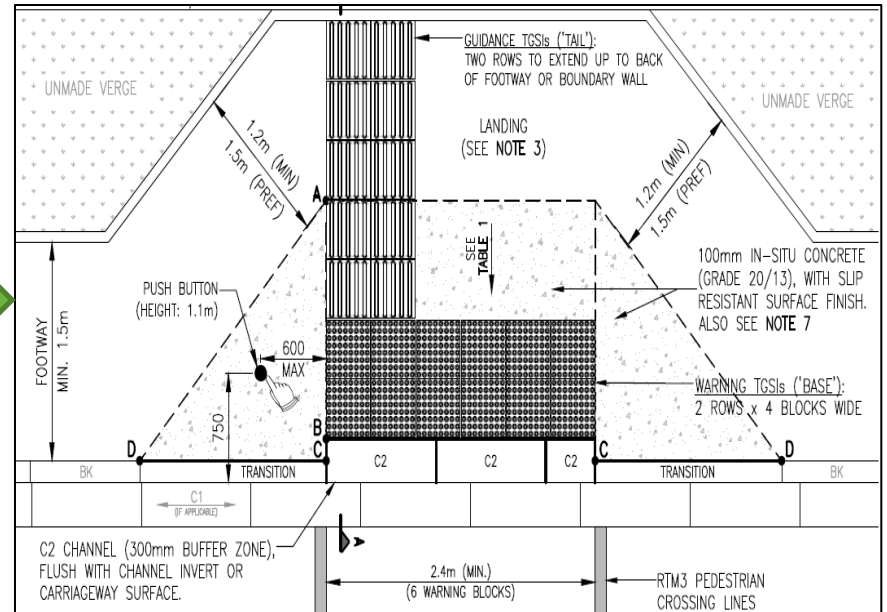
Scope of Works

Universal access

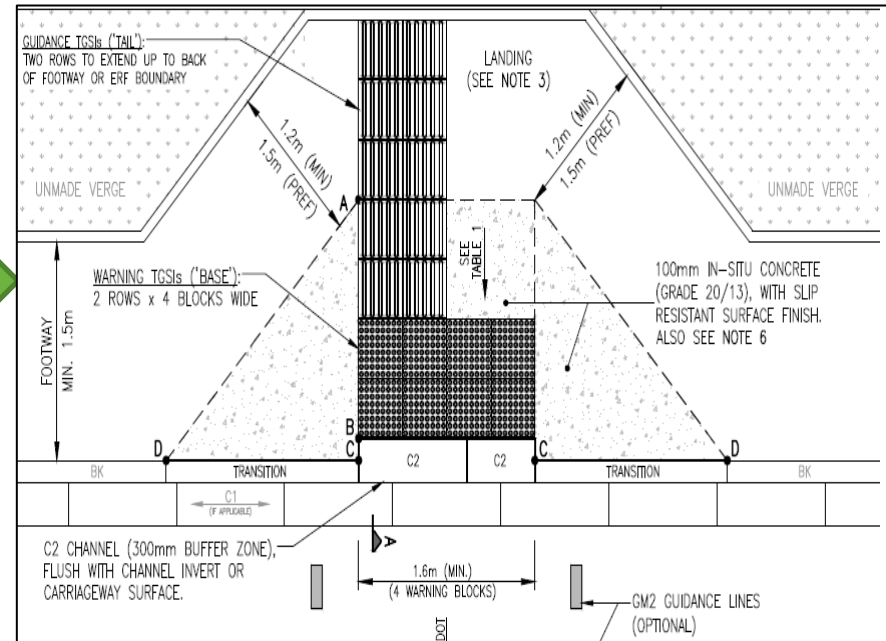


- At intersections and pedestrian crossings
- Break up existing layers
- Construct new layers for universal access as per CCT Standards and Guidelines for Roads and Stormwater.
- Guidance and warning TGSIs
- 100mm in-situ concrete (grade 20/13) with slip resistant finish.

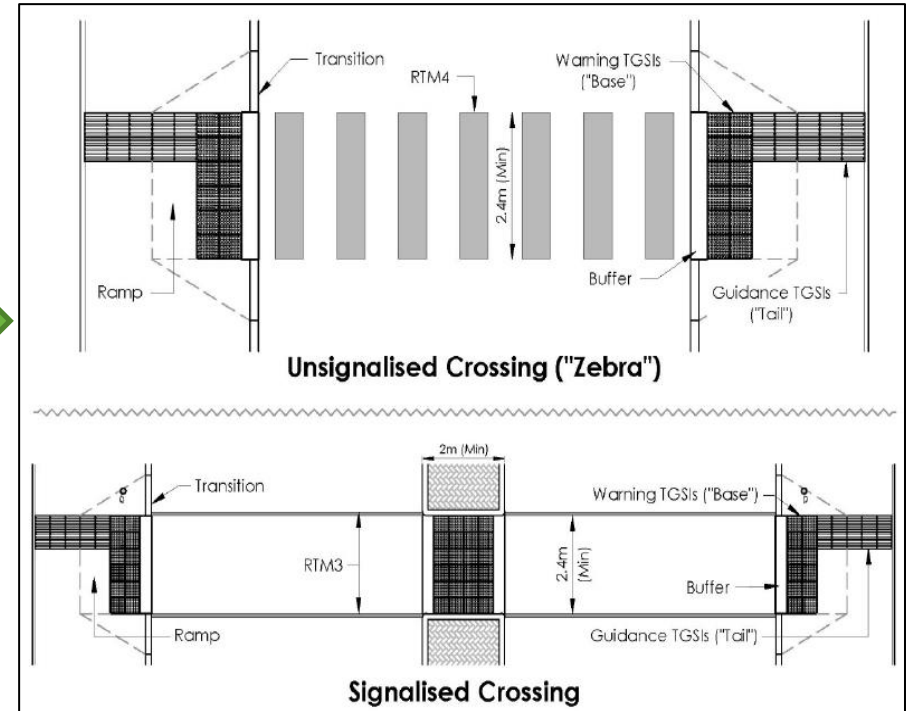
Controlled intersection



Uncontrolled Intersection



Pedestrian crossing



Scope of Works

Landscaping

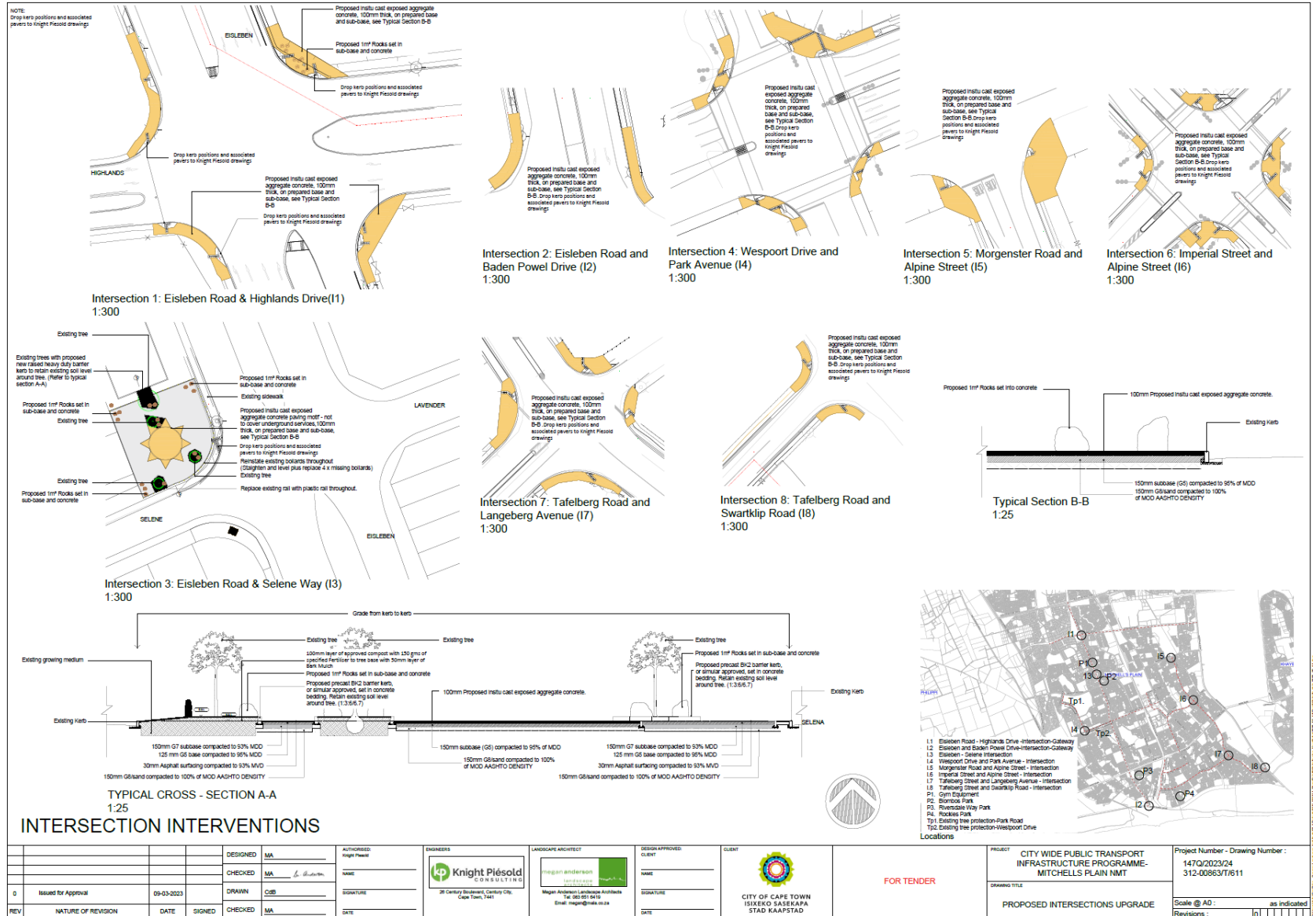
- Construct new 100mm in-situ exposed aggregate concrete (grade 25/13) with slip resistant finish at various intersections
- Construction of new 30mm asphalt walkways at selected parks
- Installation new gym equipment at selected parks
- Installation of timber play structures
- Installation of new bollards
- Installation of concrete benches
- Installation of recycled plastic handrails at pedestrian crossings

Scope of Works

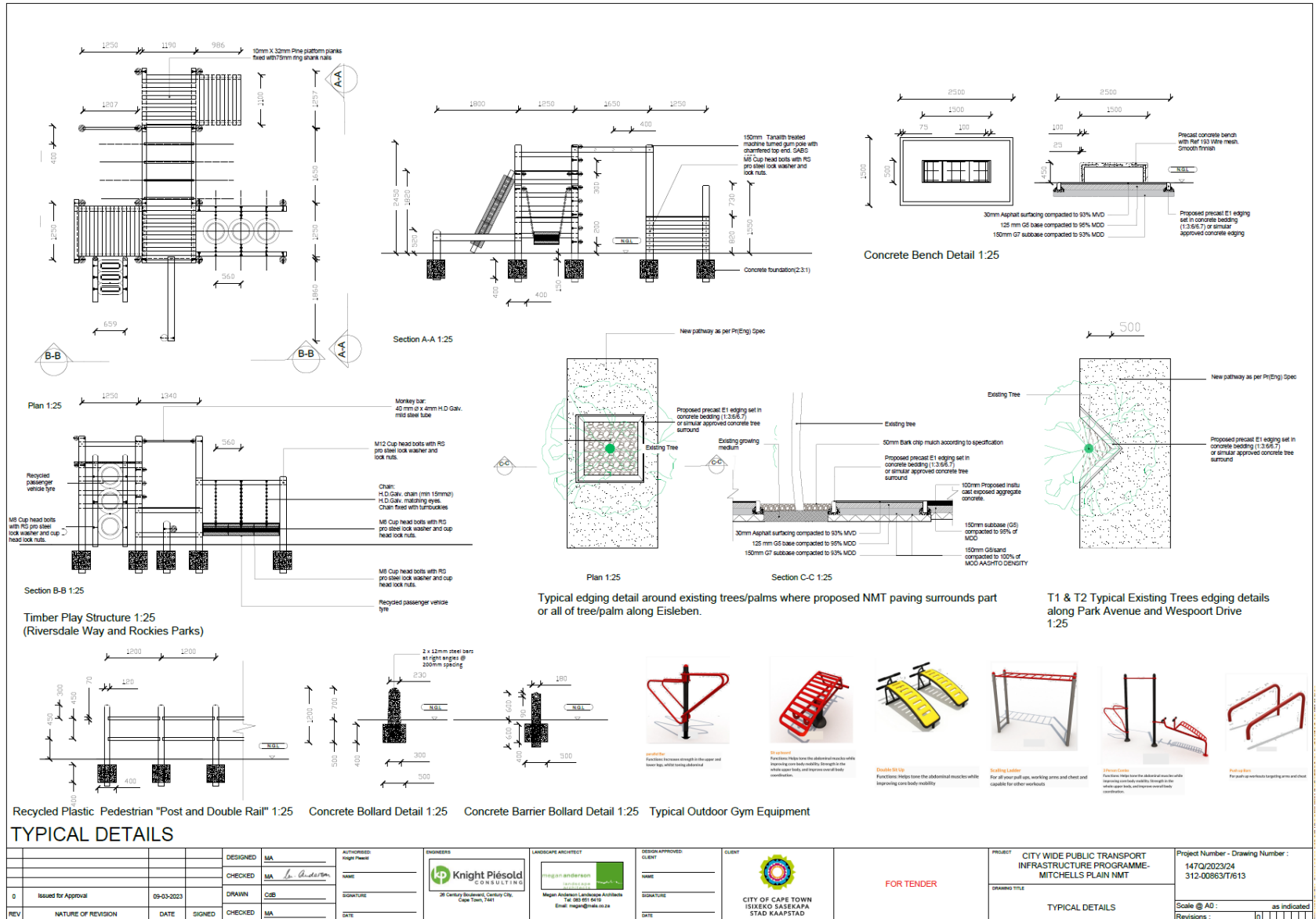
Landscaping will be carried out in the following areas:

- Various intersections
- Riverside Way Park
- Rockie's Park
- Blombos Park

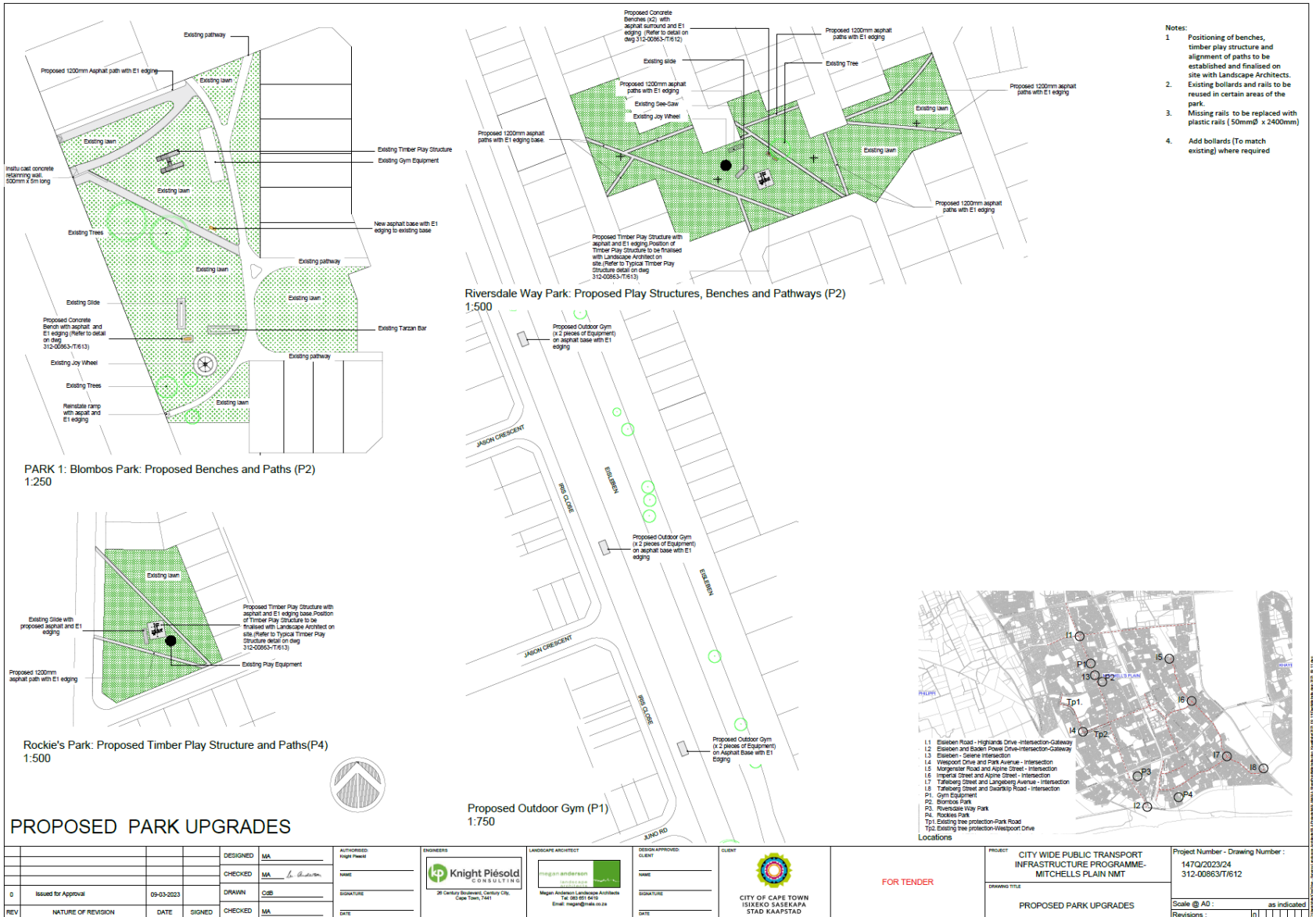
Intersection upgrades



Park upgrades



Park upgrades



New in-situ exposed aggregate and gym equipment example



Tender Documentation

TENDER NO. 147Q/2023/24		 CITY OF CAPE TOWN IISIKO KAPSTAD STAD KAAPSTAD	
SCM – 509	Approved by Branch Manager	Version: 4.1	Page 1 of 230

CONTRACT DOCUMENT

FOR THE

**THE CONSTRUCTION OF NON-MOTORISED
TRANSPORT FACILITIES AND UNIVERSAL
ACCESS IN THE MITCHELLS PLAIN AREA**

VOLUME 1: TENDERING PROCEDURES

NOTE:

- The Form of Offer and Acceptance (C1.1) is on **page 35** of this document
- Table 1: Preference Schedule is on **page 35** of this document

ISSUED BY: DIRECTOR: URBAN MOBILITY DIRECTORATE CITY OF CAPE TOWN Tower Block, Civic Centre 12 Hertzog Boulevard CAPE TOWN 8001	COMPILED BY: Knight Piésold Consulting (Pty) Ltd 202 The Colosseum Cnr Century Way & Century Boulevard Century City 7441	For official use. TENDER SERIAL No.: <table border="1"> <tr> <td>SIGNATURES OFFICIALS OPENING</td> <td>OF AT</td> <td>CITY TENDER</td> </tr> <tr> <td>1.</td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> </tr> </table>	SIGNATURES OFFICIALS OPENING	OF AT	CITY TENDER	1.			2.			3.		
SIGNATURES OFFICIALS OPENING	OF AT	CITY TENDER												
1.														
2.														
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JANUARY 2024

NAME OF TENDERING ENTITY	
EMAIL ADDRESS OF TENDERING ENTITY	
FAX NUMBER OF TENDERING ENTITY	
NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause C.2.12)	
Alternative Offer (see clause C.2.12)	

Tender Documentation

Tender information

CITY OF CAPE TOWN

URBAN MOBILITY DIRECTORATE: TRANSPORT INFRASTRUCTURE IMPLEMENTATION

CONTRACT NO. 147Q/2023/24

THE CONSTRUCTION OF NON-MOTORISED TRANSPORT FACILITIES AND UNIVERSAL ACCESS IN THE MITCHELLS PLAIN AREA

General Tender Information

TENDER ADVERTISED	:	26 January 2024
ESTIMATED CIDB CONTRACTOR GRADING DESIGNATION	:	8CE or higher
CLARIFICATION MEETING	:	10h00 to 13h00 on 20 February 2024 (Not compulsory, but strongly recommended)
LINK TO CLARIFICATION MEETING	:	Skype for Business Web App (capetown.gov.za)
VENUE FOR CLARIFICATION MEETING	:	Civic Centre, 18 th Floor, Boardroom E1
CLOSING DATE	:	08 March 2024
CLOSING TIME	:	10h00
TENDER BOX & ADDRESS	:	Tender Box 175 at the Tender & Quotation Box Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.

Tender Documentation

POPIA

The Employer's Information Officer who is responsible for overseeing questions in relation to data protection may be contacted at Popia@capetown.gov.za.

By submitting a tender to the City of Cape Town, (and by concluding any ensuing related agreement with the City of Cape Town, if applicable), the **Tenderer thereby acknowledges and unconditionally agrees:**

- 1.1. that the tenderer has been informed of the purpose of the collection and processing of its personal information as defined in the **Protection of Personal Information Act of 2013 ("POPIA")**, which, for the avoidance of doubt is for, and in relation to, the tender process and the negotiation, conclusion, performance and enforcement of the ensuing agreement, if applicable, as well as for the City of Cape Town's reporting purposes;
- 1.2. to the collection and processing of the tenderer's personal information by the City of Cape Town and **agrees to make available to the City of Cape Town, all information reasonably required by the City of Cape Town for the above purposes;**
- 1.3. that the personal information the City of Cape Town collects from the tenderer or about the tenderer may be further processed for other activities and/or purposes which are **lawful, reasonable, relevant and not excessive in relation to the purposes set out above, for which it was originally collected;**
- 1.4. that, **the tenderer indemnifies the City of Cape Town and its officials,** employees, and directors and undertakes to keep the City of Cape Town and its officials, employees, and directors indemnified in respect of any claim, loss, demands, liability, costs and expenses of whatsoever nature which may be made against the City of Cape Town (including the costs incurred in defending or contesting any such claim) in relation to the tenderer or the tenderer's employees', representatives' and/or sub-contractors' non-compliance with POPIA and/or the City of Cape Town's failure to obtain the tenderer's consent or to notify the tenderer of the reason for the processing of the tenderer's personal information;
- 1.5. to the disclosure of the tenderer's personal information by the City of Cape Town to any third party, where the City of Cape Town has a legal or contractual obligation to disclose such personal information to the third party (or a legitimate interest exists therein);
- 1.6. that, under POPIA, the tenderer may request to access, confirm, request the correction, destruction, or deletion of, or request a description of, personal information held by the City of Cape Town in relation to you, subject to applicable law; and
- 1.7. that under POPIA, subject to applicable law, the tenderer also has the right to be notified of a personal information breach and the right to object to, or restrict, the City of Cape Town's processing of its personal information.

Tender Documentation

CCT SCM Policy

C.2.1.4.2

Compliance with requirements of CCT SCM Policy and procedures

Only those tenders that are compliant with the requirements below will be declared responsive:

- a) A completed **Compulsory Enterprise Questionnaire** to be provided (applicable schedule to be completed);
- b) A completed **Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums** to be provided authorising the tender to be made and the signatory to sign the tender on the partnership /joint venture/consortium's behalf (applicable schedule to be completed);
- c) A copy of the partnership / joint venture / consortium agreement to be provided;
- d) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule to be completed);
- e) A completed **Declaration – Conflict of Interest** and **Declaration of Bidder's past Supply Chain Management Practices** to be provided and which does not indicate any conflict or past practises that renders the tender non-responsive based on the conditions contained thereon (applicable schedules to be completed);
- f) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule to be completed);
- g) The tenderer (including any of its directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy;
- h) The tenderer's tax matters with SARS are in order, or the tenderer is a foreign supplier that is not required to be registered for tax compliance with SARS;
- i) The tenderer is not an advisor or consultant contracted with the Employer whose prior or current obligations creates any conflict of interest or unfair advantage;
- j) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, involved with the bid specification committee;
- k) A completed Authorisation for the Deduction of Outstanding Amounts Owed to the City of Cape Town to be provided and which does not indicate any details that renders the tender non-responsive based on the conditions contained thereon (applicable schedules to be completed);
- l) The tenderer (including any of its directors or members), has not been found guilty of contravening the Competition Act 89 of 1998, as amended from time to time;
- m) The tenderer (including any of its directors or members), has not been found guilty on any other basis listed in the SCM Policy.

Tender Documentation

Tender submission

- C.2.13.11 The Employer shall not formally issue tender documents in electronic format and shall only issue tender documents in hardcopy. An electronic version of the issued tender documents, or elements thereof, may be made available to the tenderer at the Employer's discretion, upon written request in terms of this clause, subject to the following:
- a) Electronic copies of the issued tender documents, or parts thereof, will only be provided to tenderers who have been issued with the tender documents as contemplated in C.1.2 in hardcopy.
 - b) The electronic version shall not be regarded as a substitute for the issued tender documents.
 - c) The Employer shall not accept tenders submitted in electronic format. Only those tenders that have been completed on the issued hard copy tender document shall be considered, provided that printed Bills of Quantities, in the same format (that is, layout, billed items and quantities) as those issued electronically by the Employer, may be submitted with the tender as stated in C.2.13.2.
 - d) 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.
 - e) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. Tenderers are alerted to the fact that electronic

Tender Documentation

Tender Evaluation

C.3.11.3 The tender will be evaluated in terms of the requirements of the Preferential Procurement Regulations and SCM Policy as follows:

C.3.11.3.1 The preference point system applicable to this tender is the 90/10 preference point system.

C.3.11.3.2 Price, preference and functionality will be scored, as relevant, to two decimal places.

C.3.11.3.3 Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the tender data and reject all claims for preferences where tenderers are not eligible for such preferences.

Points will be awarded to tenderers who are eligible for preferences in terms of the **Preference Schedule** which is included in T2.2 Returnable Schedules.

The terms and conditions of the **Preference Schedule** shall apply in all respects to the tender evaluation process and any subsequent contract.

Bill of quantities

P&G

1.3.11	f)	i) Payment of a 2 Community Liaison Officers on a monthly basis employed from Subcouncil 12 and 17 (all inclusive of taxes, levies, UIF and all other deductions)	Prov Sum	1.0	660,000.00	660,000.00
1.3.12		ii) Percentage allowed for handling costs, overheads, charges and profit on subitem PSA 8.5f)i)	%	660,000.0		
1.3.13	g)	i) Payment for PSIRA registered armed security services	Prov Sum	1.0	9,000,000.00	9,000,000.00
1.3.14		ii) Percentage allowed for handling costs, overheads, charges and profit on subitem PSA 8.5g)i)	%	9,000,000.0		
1.4.6	PSA 8.8.7	Provision and maintenance of temporary 1.0m high orange plastic danger netting, or equivalent quality netting, as required in the Project Specifications	Sum	1.0		

Security

Construction duration

Clause 1.1.1.14:

The time for achieving Practical Completion is **26 calendar months**, inclusive of 2 months (8 weeks) mobilisation period, and the 14 day period referred to in Clause 5.3.2 below, and inclusive of non-working days referred to in Clause 5.8.1 below, and inclusive of special non-working days (Clause 5.8.1).

Clause 1.1.1.15:

The **Employer** is the CITY OF CAPE TOWN, represented by the Director : URBAN MOBILITY DIRECTORATE and/or such other person or persons duly authorised thereto by the Employer in writing.

The name of the Employer is: CITY OF CAPE TOWN
 URBAN MOBILITY DIRECTORATE

and is referred to in the Contract documents by the terms “Employer”, “City of Cape Town” or “Council” as the context provides.

Clause 1.1.1.16:

The **Employer’s Agent**, referred to in the Contract documents, is the firm of Knight Piésold Consulting Engineers (Pty) Ltd acting through a director, an associate or an official authorised thereto in writing.

The name of the Employer’s Agent is: Knight Piésold Consulting Engineers (Pty) Ltd or their successors duly appointed by the Employer

CPG targets

3.5.2 PARTICIPATION OF TARGETED LABOUR

3.5.2.1 Minimum targeted labour contract participation goal

In support of the National Department of Public Works' Expanded Public Works Programme which is aimed at alleviating poverty through the creation of temporary employment opportunities using labour intensive methodologies and practices where possible, the Employer is seeking to increase the intensity of labour, as appropriate, in all of its infrastructure sector projects.

It is a requirement of this contract, therefore, that the work be executed in such a manner so as to maximise the use of labour intensive construction methods in order to provide low and semi-skilled temporary employment opportunities.

To this end, a minimum targeted labour contract participation goal is specified below, which shall be achieved by the Contractor in the performance of the contract, failing which, penalties as described will be applied. The Contractor is required to provide all skills training where necessary, so as to ensure that a minimum level of competence is achieved and maintained, such that the various activities are carried out safely and to the required standard. The cost of training shall be included in the rates for the various work activities. Tenderers should take special note that the minimum wage payable to all labour on this project will be in accordance with the latest BCCEI industry task grade wage rates, as updated from time to time.

The specified minimum targeted labour contract participation goal (CPG_L) is

7 %

The minimum CPG_L is such that the Contractor will have to carry out some of the work that would normally have been undertaken using mechanised construction methods, by using labour intensive construction methods instead. It is left to the discretion of the Contractor to identify suitable work activities for the intensification of labour. The Contractor shall, within 5 working days of being requested in writing by the Employer's Agent to do so, submit details of his/her plan to achieve the minimum CPG_L.

To this end, a minimum targeted enterprises contract participation goal is specified below, which shall be achieved by the Contractor in the performance of the contract, failing which, penalties as described will be applied.

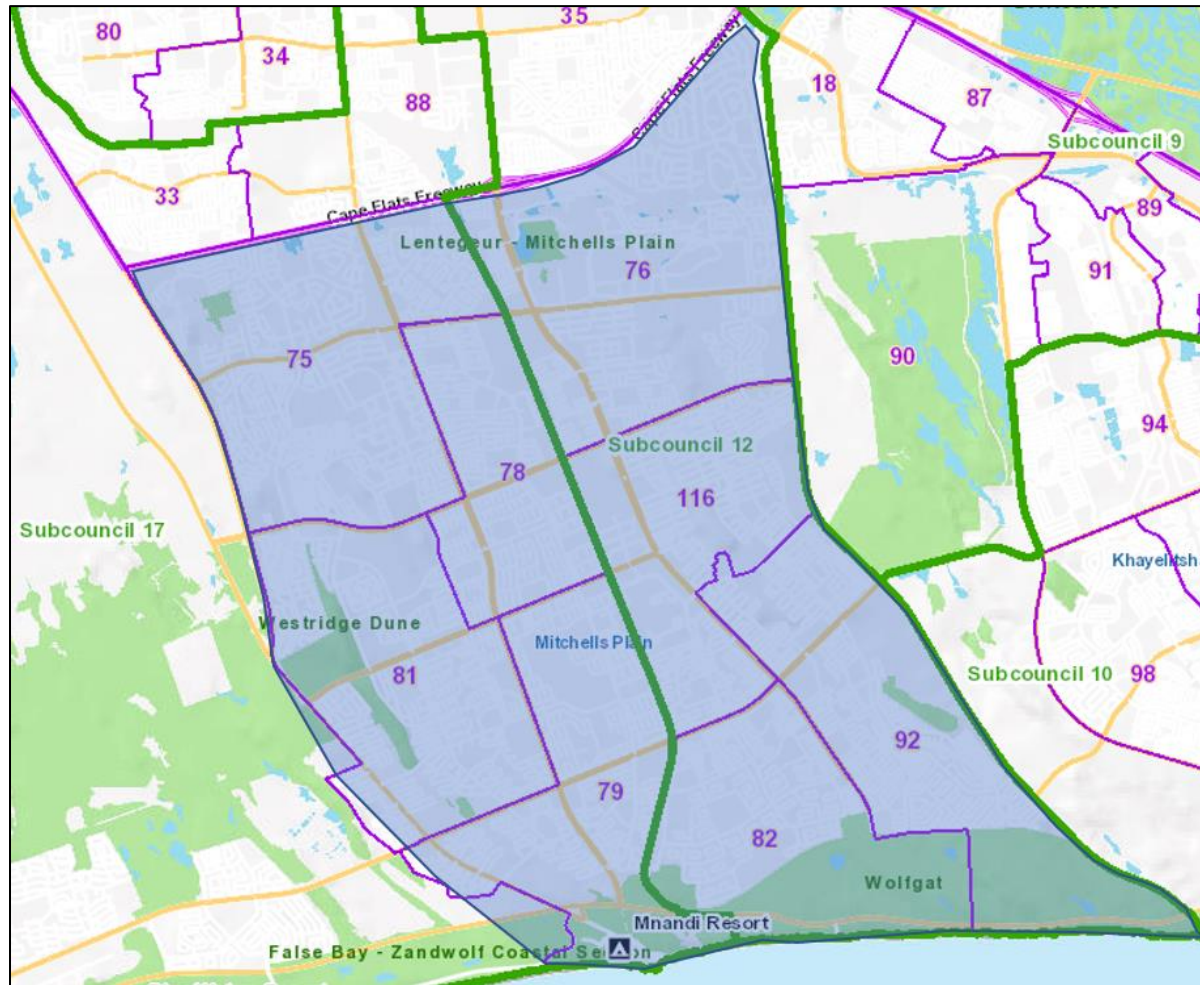
The specified minimum targeted enterprises contract participation goal (CPG_E) is

15 %

The Contractor shall engage targeted enterprises directly or indirectly in the performance of the contract to the extent that the total monetary value of such engagements (exclusive of VAT), expressed as a percentage of the value of the contract, is sufficient to achieve the specified minimum CPG_E.

Project Locality

Mitchells Plain Area



Tender Documentation

Environmental considerations

E: ENVIRONMENTAL MANAGEMENT SPECIFICATION

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

E1 SCOPE

The Environmental Management Programme (EMP) for the project is comprised of this Environmental Management (EM) Specification and its Annexures, including the “Additional environmental issues deemed to form part of the Environmental Management Specification” attached as Annexure D hereto, which together cover the requirements for controlling the impact on the environment of construction activities.

E2 INTERPRETATIONS

E2.1 Supporting specifications

The following standardised specification shall, *inter alia*, apply to this Contract:

- a) SANS 1200A, as may be varied or added to in the Scope of Work

“No-Go” area demarcation

Wetlands

- New Eisleben Road (North)
- New Eisleben Road (South)
- Yellowwood Road

“No-Go” area demarcation



“No-Go” area demarcation



“No-Go” area demarcation



Site specific OHS



Project Health and Safety Specification

In terms of Construction Regulations 2014

Project Client

CITY OF CAPE TOWN

Description of Project Works

**THE CONSTRUCTION OF NON-MOTORISED
TRANSPORT FACILITIES AND UNIVERSAL
ACCESS**

Project Location

MITCHELLS PLAIN AREA

Preparation Date

MARCH 2023

Project Health and Safety Specification developed by:

Mark Winter PrCHSA, (SACPCMP)
Safe Working Practice (Cape Town) Pty Ltd
Cell: 071 603 2213
Tel: 021 701 0470
Email: markw@safepractice.co.za

Tender Information

Tender advertised:	26 January 2024
Tender Closing Date:	08 March 2024
Tender Box:	175
Tender Award:	As soon as possible



**THANK
YOU**

Mandilakhe Mbhele

mmbhele@knightpiesold.com

Q&A