

# Fetakgomo Tubatse Local Municipality



FTM/T05/24/25

## APPOINTMENT OF A CONTRACTOR FOR CONNECTION OF MAGOTWANANENG ACCESS ROAD TO D4190

| TECHNICAL ENQUIRIES   | BIDDING RELATED ENQUIRIES   |
|---|---|
| <b>Manager PMU</b><br><b>Mr RK Dikgale</b><br><br>Fetakgomo Tubatse Local Municipality<br><br>1 Kastania Street<br>Burgersfort<br>Civic Centre<br>1150<br><br>Tel: (013) 231 1000 | <b>Supply Chain Management</b><br><b>Ms TS Mavhona</b><br><br>Fetakgomo Tubatse Local Municipality<br><br>1 Kastania Street<br>Burgersfort<br>Civic Centre<br>1150<br><br>Tel: (013) 231 1000 |

NAME OF BIDDER (BIDDING ENTITY) : .....

.....

CSD NUMBER : .....

CLOSING DATE : 20 SEPTEMBER 2024

CLOSING TIME : 12H00

TOTAL BID PRICE OFFERED (VAT INC): .....

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## FORM A

### **BID NOTICE**

**BID NO: FTM/T05/24/25**

#### **APPOINTMENT OF A CONTRACTOR FOR CONNECTION OF MAGOTWANANENG ACCESS ROAD TO D4190**

Bid documents containing the Conditions of Bid can be downloaded and printed for free from Municipal website and eTender portal or purchased at the Fetakgomo Tubatse Local Municipality (Civic Centre) offices, at 1 Kastania Street, Burgersfort, 1150.

The completed bid document, must be fully priced and signed, sealed in an envelope - marked with the "BID number", and deposited in the tender box at the Fetakgomo Tubatse Local Municipality Head office – 1 Kastania Street, Burgersfort **OR** at the Apel Regional office - Stand No.1, Mashung, Ga-Nkwana, no later than **12H00 pm on 20 September 2024** **The municipality will not take any responsibility for lost documents due to poor packaging.**

Fetakgomo Tubatse Local Municipality is not compelled to accept the lowest or any bid. No late, faxed or telephonic bids will be accepted.

The Municipality shall evaluate and award the tender in accordance with the 80/20 - point system of the Preferential Procurement Regulations of 2022 - **where 80 points are allocated for the bid price and 20 points for specific goals**, the general conditions of contract (GCC) and, where applicable, any other special conditions of contract. Prospective bidders must accept that the bid price will be adjudicated according to market related prices and/or prices as per legislation, where applicable. Bids will remain valid for **120 validity** days.

Enquiries related to technical specifications should be addressed to **Mr RK Dikgale** on the telephone number (013) 231 1000 or email [rkdikgale@ftlm.gov.za](mailto:rkdikgale@ftlm.gov.za)

**NB: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE (as defined in Regulation 1 of the Local Government: Municipal Supply Chain Management Regulations)**

**MAKGATA MJ  
MUNICIPAL MANAGER**

**MBD1****PART A  
INVITATION TO BID**

|   |  |               |  |                       |          |
|---|--|---------------|--|-----------------------|----------|
| <b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF FETAKGOMO TYUBATSE LOCAL MUNICIPALITY</b>    |  |               |  |                       |          |
| BID NUMBER:   | FTM/T05/24/25  | CLOSING DATE: | 20 SEPTEMBER 2024  | CLOSING TIME:         | 12H00 PM |
| DESCRIPTION   | <b>APPOINTMENT OF A CONTRACTOR FOR CONNECTION OF MAGOTWANANENG ACCESS ROAD TO D4190.</b> |               |  |                       |          |
| <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).</b> |  |               |  |                       |          |
| BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT                                |  |               |  |                       |          |
| 1 KASTANIA STREET   |  | OR            |  | STAND NO 1            |          |
| CIVIC CENTRE  |  |               |  | MASHUNG               |          |
| BURGERSFORT   |  |               |  | GA-NKWANA             |          |
| 1150  |  |               |  | 0739                  |          |
| <b>SUPPLIER INFORMATION</b>   |  |               |  |                       |          |
| 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:               |          |
| ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?            | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES ENCLOSE PROOF]       |               | ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?<br><input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES, ANSWER PART B:3] |                       |          |
| TOTAL NUMBER OF ITEMS OFFERED   |  |               | TOTAL BID PRICE  | R                     |          |
| SIGNATURE OF BIDDER   | .....  |               | DATE   |                       |          |
| CAPACITY UNDER WHICH THIS BID IS SIGNED   |  |               |  |                       |          |
| <b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>  |  |               | <b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>   |                       |          |
| DEPARTMENT  | Supply Chain Management  |               | DEPARTMENT   | Technical Services    |          |
| CONTACT PERSON  | TS Mavhona   |               | CONTACT PERSON   | Mr RK Dikgale         |          |
| TELEPHONE NUMBER  | 013 231 1130   |               | TELEPHONE NUMBER   | 013 231 1000          |          |
| FACSIMILE NUMBER  |  |               | FACSIMILE NUMBER   |                       |          |
| E-MAIL ADDRESS  | tmavhona@ftlm.gov.za   |               | E-MAIL ADDRESS   | rkdikgale@ftlm.gov.za |          |



## PART B

### TERMS AND CONDITIONS FOR BIDDING

|  |
|--|
| <b>1. BID SUBMISSION:</b>  |
| 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.<br><br>1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR ONLINE</b><br><br>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.   |
| <b>2. TAX COMPLIANCE REQUIREMENTS</b>  |
| 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.<br><br>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.<br><br>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 <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a> .<br><br>2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.<br><br>2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.<br><br>2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.<br><br>2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.                   |
| <b>3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>   |
| 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span><br>3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span><br>3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span><br>3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span><br>3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span><br><br>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: .....

## **FORM B**

### **TERMS OF REFERENCE**

#### **APPOINTMENT OF A CONTRACTOR FOR CONNECTION OF MAGOTWANANENG ACCESS ROAD TO D4190**

##### **I. DESCRIPTION OF WORKS**

###### **Employer's Objectives**

The objective of the project is to connect the road D4190 to the existing Magotwaneng Access road at Mohlaletsi village. The current road is not connected to the RAL road at the intersection due to no available wayleaves from RAL at the time of construction of Magotwaneng access road. A slip lane will be constructed to connect at the 2 roads as per the RAL specification for construction to improve the driving experience and extending of the road network in the area. It is expected that much of the work will ensure delivering the public infrastructure using labour intensive methods in accordance with EPWP Guidelines.

###### **Overview of Works**

The work will be carried using mainly Labour- Intensive approach as much as possible. Labour-intensive works comprise the activities described in SANS 1921-5, Earthworks activities which are to be performed by hand, and its associated specification data. Such works shall be Constructed using local workers who are temporarily employed in terms of this Scope of Work.

##### **II. EXTENT THE WORKS**

The works will involve the following: Rehabilitation of an existing Dithabaneng Access bridge and associated road infrastructure. Which entails the following:

- Establishment of the Contractor's Camp Site
- Compliance of OHS requirements
- Provision of Temporary Work Force
- Training of temporary Work Force
- Construct a temporary route.
- Traffic accommodation.
- Earthwork excavations
- Construction of pavement structures in 150mm layers
- Surfacing of the road using 40mm thick asphalt
- Installation of roads signs including permanent road markings
- Installation of road signs
- Finishing of the road and road reserve
- Maintaining the works for the period of 12 months from the date of completion of the works

- Testing materials and workmanship on instruction of the engineer

### **III. LOCATION OF THE WORKS**

The project is located in Mohlaletsi, within the jurisdiction of Fetakgomo Tubatse Municipality, in the Limpopo Province. The coordinates for the project are as follows:

| <b>Name</b> | <b>Latitude</b> | <b>Longitude</b> |
|-------------|-----------------|------------------|
| Dithabaneng | 24°26'40.82"S   | 29°50'40.66"E    |

### **IV. CIDB GRADING**

CIDB 5CE or higher

### **V. PROJECT DURATION**

The project shall have a duration of twelve (12) months from date of commencement of the project

## FORM C

### **RESPONSIVENESS AND EVALUATION**

**The following evaluation process and criteria will be used to evaluate all bids submitted:**

All bids received shall be evaluated in terms of Municipal Supply Chain Management Regulations, Fetakgomo Tubatse Local Municipality Supply Chain Management Policy, The Preferential Procurement Regulations, 2022, and other applicable legislation. Bids with obvious deviations from the requirements/conditions, will be eliminated from further evaluation.

The evaluation criteria consist of the following 3 phases:

Phase 1 – Administrative compliance

Phase 2 – Functionality

Phase 3 – Pricing and Specific Goals

Bids must meet the requirements of each phase in order to qualify for further evaluation. Bids that do not meet the requirements of a particular phase will be disqualified

#### **1. Administrative Compliance – Phase one**

### **RESPONSIVENESS CRITERIA**

1.1. The bid must be properly received in a sealed envelope clearly indicating the description of the service and the bid number for which the bid is submitted. The municipality will not take any responsibility of the lost documents due to poor packaging.

1.2. **Critical Criteria:**

The following critical criteria have been identified for this bid and any non-compliance thereto will lead to the bid being regarded as non-responsive and disqualified from further evaluation on functionality. Bidders will be required to submit the following documents and other administrative compliance requirements as follows:

- Compliant tax status (the Municipality will generate a CSD report during evaluation of the bids to confirm the tax status).
- All pages of the tender document and General Condition of the Contract (GCC) must be initialled.
- Form of offer must be fully completed and signed.
- Company Registration Document (CK) (If JV, for both) must be attached.
- Joint Venture Agreement, where applicable and stipulating a lead partner with at least 51% or above shares in the company.
- Submission of the tender document in its original form (refers to every page of bid document as originally purchased or produced without any amendments or changes)

- Submission of Municipal rates and taxes or municipal service invoice issued to the bidder and all directors, by any other municipality or municipal entity. The rates and taxes charges must not be in arrears for more than three months (90 days) for both the bidding company & its directors:
  - I. If staying in a non-rate-able area, please attach original letter from the Tribal Authority / Chief or Headman / sworn affidavit or municipal proof of address
  - II. If you are renting, attach a copy of a valid signed lease agreement.
  - III. If the business is operating at the director's residence, a sworn affidavit must be attached stating such.
- All attached MBD forms must be completed and signed
- Original certified ID copies of all directors/members/shareholders of company/business/ (For all companies in case of a Joint Venture)
- Authority of signatory, signed by all the parties. (a letter showing who is authorised to sign the documents)
- False or incorrect declaration on any of the MBD forms will result in disqualification.
- Price amendment without signature will amount to disqualification (Initial all alterations in the BOQ)
- Copy of a Valid letter of good standing (COIDA).
- Proof of registration with CIDB grading of 5CE or higher must be attached (in case of Joint Venture both individuals and combined CIDB gradings must be attached)

**Please note that all certified documents must be originally certified and not older than 6 months. Smart ID card must be printed on both sides.**

**NB: BIDDERS WHO FAIL TO COMPLY WITH EITHER OR ALL OF THE ABOVE-MENTIONED REQUIREMENTS SHALL BE AUTOMATICALLY DISQUALIFIED**

## 2. Functionality – Phase two

The bidders who complied administratively are considered for further evaluation on ability to execute the project.

The assessment of functionality will be done in terms of the evaluation criteria and minimum threshold as specified. A bid will be disqualified if it fails to meet the minimum threshold for functionality as per the bid invitation.

### TECHNICAL EVALUATION CRITERIA

| Item | Criterion   | Weighting  |
|------|---|------------|
| 1    | Demonstrate relevant Company experience and records                       | 30         |
| 2    | Financial Viability   | 25         |
| 3    | Qualifications and experience of the dedicated project Team / individuals | 25         |
| 4    | List of Plant   | 20         |
|      | <b>TOTAL</b>  | <b>100</b> |

**NB! The minimum cut off points for functionality is 70 points out of 100 points and any bidder scoring less than 70 points will not be considered for further evaluation.**

**Tenderers to submit required information as stated below. Non submission will result in loss of points.**

Service Providers that qualified pre-evaluation in terms of the functionality cut-off points of 70 points will then be evaluated in terms 80/20 preference point system.

| NO | DESCRIPTION  | POINTS    | CRITERIA  |
|----|--|-----------|---|
| 1  | <b>Demonstrate relevant Company experience and records</b> | <b>30</b> | <p>The bidder or JV should demonstrate their civil engineering experience, through the submission corresponding appointment letters and completion certificates of similar projects within the past ten (10) years.</p> <ul style="list-style-type: none"> <li>• Successful Execution of similar projects Attach 5 appointment letters and corresponding completion certificates - <b>30 points.</b></li> <li>• Successful Execution of similar projects Attach 4 appointment letters and corresponding completion certificates- <b>25 points.</b></li> </ul> |

|          |  |           |  |
|----------|--|-----------|--|
|          |  |           | <ul style="list-style-type: none"> <li>• Successful Execution of similar projects Attach 3 appointment letters and corresponding completion certificates – <b>20 points</b></li> <li>• Successful Execution of similar projects Attach 2 appointment letters and corresponding completion certificates – <b>15 points</b></li> <li>• Successful Execution of similar projects Attach 1 appointment letters and corresponding completion certificates – <b>10 points</b></li> </ul> <p><b>Compulsory</b> Attachment of appointment letters / completion certificates. NB: Copies of completion certificate or appointment letter must be signed and on the client's letterhead, and indicate the e-mail, telephone and contract amount.</p> |
| <b>2</b> | <b>Financial Viability</b>   | <b>25</b> | <b>FINANCIAL VIABILITY</b>   |
|          | <p><b>Credit facility</b> from a registered financial institution or Bank guarantee letter</p> <p><b>NB:</b> No bank rating / code will be accepted.</p>   |           | <p>1. Approved credit facility or bank guarantee letter of R 6 million or higher = <b>25 points</b></p> <p>2. Approved credit facility or bank guarantee between R 3 million to R 5 999 999.99 = <b>20 points</b></p> <p>3. Approved credit facility or bank guarantee between R 1 million to R 2 999 999.99 = <b>15 points</b></p>  |
| <b>3</b> | <p><b>Qualifications and experience of the dedicated project Team / individuals</b></p> <p>[Attach detailed CV, original certified ID copy/Passport (work permit to accompany Passport), Proof of Certified Qualifications and certified proof of membership registration with professional body (where applicable). Bidders who submit Uncertified documents will be scored zero]</p> <p><b>NB: Foreign qualification should be accompanied by certificate of SAQA (South African Qualifications Authority)</b></p> | <b>25</b> | <ul style="list-style-type: none"> <li>• Contract Manager with at least 5 years' relevant Experience in Civil Engineering and Project Management. Must have a Degree / B Tech in civil Eng and be registered as a professional with ECSA/PMP/SACPCMP. – <b>10 Points</b></li> <li>• Site Manager with at least 5 years' relevant Experience in Civil Engineering. Must have a National Diploma in Civil Eng and be registered as a candidate with ECSA/PMP/SACPCMP. – <b>5 Points</b></li> <li>• General Foreman with at least 5 years' relevant Experience in Construction with NQF Level 6 in Civil Eng – <b>5 Points</b></li> </ul>   |

|  |               |     |   |                |                 |
|--|---------------|-----|---|----------------|-----------------|
|  |               |     | <ul style="list-style-type: none"><li>Safety Officer with at least 5 years' relevant Experience in OHS. Intro to Samtrac or equivalent accredited OHS Certificate or NQF Level 6 in Safety Management. – <b>5 Points</b></li></ul>  |                |                 |
| 4  | List of Plant | 20  | Plant   | Points (owned) | Points (leased) |
|  |               |     | Excavator   | 05             | 2.5             |
|  |               |     | Water Tanker 16 000L  | 03             | 1.5             |
|  |               |     | 2 X 10m3 Tipper Truck   | 02             | 01              |
|  |               |     | Roller  | 03             | 1.5             |
|  |               |     | TLB   | 02             | 01              |
|  |               |     | Grader  | 05             | 2.5             |
|  |               |     | Bidders must submit proof of ownership / lease agreement of Plant. Bidder who leases plant must submit valid proof of lease agreement or letter of intent in case of hiring with proof of ownership of plant for the lessor.<br><br><b>NB: Non-attachment of the mentioned above documents will results in zero score</b> |                |                 |
|  | TOTAL         | 100 |   |                |                 |
| <p><b>NOTE: For the purpose of comparison and in order to ensure a meaningful evaluation, bidders must submit detailed information in substantiation of compliance to the evaluation criteria mentioned (e.g. details of relevant previous work undertaken, letters from previous /current clients. etc.)</b></p> <p>Minimum Required Score for functionality is: 70 points</p> <p><b>Note:</b> A bidder/s that scores less than 70 points out of 100 in respect of functionality will be regarded as submitting a non-responsive bid and will be disqualified.</p> <p>Should the relevant bidder/s meet the minimum required percentage or minimum points, they will be evaluated in terms of price and preference as per the PPPFA Act, No.5 of 2000 and its associated Regulations issued by the National Treasury.</p> |               |     |   |                |                 |



### 3. Pricing and Specific Goals – Phase Three

Bidders should note that although the above are the main criteria, the FTLM may consider other factors when evaluating BIDs and those factors will be discussed with the successful bidder(s) and may not disadvantage any bidder.

Final Proposal will be evaluated on the basis of the PPPFA 80/20 point system as presented in the Preferential Procurement Regulations 2022.

The 80/20 point system will be as follows:

| Evaluation Criteria |                                  | Points |
|---------------------|----------------------------------|--------|
| 1.                  | Price                            | 80     |
| 2.                  | Preference point (Special goals) | 20     |
| 3.                  | Total                            | 100    |

- Price = Price per the Bill of Quantities (**see ANNEXURE J**)
- Specific goal = Location – Companies within the RSA - Address on the company registration document (CK)

## ANNEXURE A

### MBD 3.1

#### PRICING SCHEDULE – FIRM PRICES (PURCHASES)

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

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

|                     |                    |
|---------------------|--------------------|
| Name of Bidder..... | Bid Number.....    |
| Closing Time .....  | Closing Date ..... |

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

| ITEM NO | QUANTITY | DESCRIPTION | BID PRICE IN RSA CURRENCY<br>**(ALL APPLICABLE TAXES INCL) |
|---------|----------|-------------|--|
|         |          |             |  |

- Required by:.....
- At:.....
- Brand and Model .....
- Country of Origin .....
- Does the offer comply with the specification(s)? \*YES/NO
- If not to specification, indicate deviation(s) .....
- Period required for delivery .....  
\*Delivery: Firm/Not firm
- Delivery basis .....

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

\*\* "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies. \*Delete if not applicable

## ANNEXURE B

### MBD 4

#### DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state<sup>1</sup>.
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.
- 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, trustee, shareholder<sup>2</sup>):.....

3.4 Company Registration Number: .....

3.5 Tax Reference Number:.....

3.6 VAT Registration Number: .....

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars. ....

.....

<sup>1</sup>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) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

<sup>2</sup> 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.

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....

.....

3.10 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**

3.10.1 If yes, furnish particulars.....

.....

3.11 Are you, aware of any relationship (family, friend, other) between any other 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**

3.11.1 If yes, furnish particulars.....

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.....

.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.....

.....

3.14 Do you or any of the directors, trustees, managers, principle 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**

3.14.1 If yes, furnish particulars.....

.....

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

| Full Name | Identity Number | State Employee Number |
|-----------|-----------------|-----------------------|
|           |                 |                       |
|           |                 |                       |
|           |                 |                       |
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|           |                 |                       |
|           |                 |                       |

.....  
**Signature**

.....  
**Date**

.....  
**Capacity**

.....  
**Name of Bidder**

## ANNEXURE C

### MBD 6.1

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

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

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

#### 1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) **80/20 preference point system** will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

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

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

The maximum points for this tender are allocated as follows:

|   | POINTS |
|---|--------|
| PRICE                                     | 80     |
| SPECIFIC GOALS                            | 20     |
| TOTAL POINTS FOR PRICE AND SPECIFIC GOALS | 100    |

- 1.4 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.5 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

## 2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

## 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

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

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

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

Where;

$P_s$  = Points scored for price of bid under consideration

$P_t$  = Price of bid under consideration

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

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

#### 3.2.1. POINTS AWARDED FOR PRICE

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

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

#### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
  - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system

##### **Points to be allocated for specific goals to promote economic development”**

1. The following conditions will stipulate the specific goals as contemplated in section 2(1)(d)(ii) of the Preferential Procurement Policy Framework Act, be attained.
2. A maximum of 20 points (80/20) preference points system preference points system will be allocated for specific goals. These goals are as follow”
  - a) Contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender or disability;
  - b) Locality - The promotion of enterprise located in the local area;
  - c) Youth – empowerment of youth or
3. Paragraph 2 (a) the (20/10) points will be allocated to promote the specific goal as follows:

| Historically Disadvantaged Individuals - HDI    | 80/20 Preferential Point System | 90/10 Preferential Point System | Means of Verification  |
|---|---------------------------------|---------------------------------|--|
|   | 20                              | 10                              |  |
| Race – People who are Black, Coloured or Indian | 6                               | 3                               | CSD Report and Certified copy of Identification Document     |
| Local Economic Development                      | 4                               | 2                               | Company Residing within Fetakgomo Tubatse Local Municipality |



|                |   |   |  |
|----------------|---|---|--|
| Gender - Women | 3 | 1 | CSD Report and Certified copy of Identification Document                           |
| Youth          | 4 | 2 | CSD Report and Certified copy of Identification Document                           |
| Disability     | 3 | 2 | CSD Report and Certified copy of Doctor's Certificate with Medical Practice Number |

4. Paragraph 2 (b) the (20/10) points will be allocated to promote the specific goal as follows:

| Local area of supplier  | Means of verification  | Number of Points for Preference |        |
|---|--|---------------------------------|--------|
|   |  | 80/20                           | 90/10  |
| Within the boundaries of Fetakgomo-Tubatse Local Municipality | Address on the company registration document (CK) or Municipal rates | 1 - 20                          | 1- 10  |
| Within the boundaries of Sekhukhune District Municipality     |  | 1 - 20                          | 1- 10  |
| Within the boundaries of Limpopo Province                     |  | 1 - 20                          | 1- 10  |
| Nationally with the RSA                                       |  | 1 - 20                          | 1 - 10 |

5. Paragraph 2 (c) the (20/10) points will be allocated to promote the specific goal as follows:

| Youth Supplier      | Means of verification  | Number of Points for Preference |       |
|---------------------|--|---------------------------------|-------|
| Youth Suppliers     | Director's ID copy for age verification (35 years and below) | 80/20                           | 90/10 |
|                     |  | 1- 20                           | 1- 10 |
| Not Youth Suppliers | Director's ID copy for age verification                      | 1- 15                           | 1- 5  |

6. Any specific goal for which a point may be awarded, must be clearly specified in the invitation to submit a tender.
7. A tender failing to submit proof of required evidence to claim preference for other specified goals, which is in line section 2 (1) (d) (i) of the Act.
  - a) may only score in terms of the 80-point formula for price and;
  - b) scores 0 points out of 20 of the relevant specific goals where the supplier or service provider did not stipulate.

## DECLARATION WITH REGARD TO COMPANY/FIRM

8.1. Name of company/firm.....

8.2 Company registration number: .....

### 8.3 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ Proprietary (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

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

- 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have

—

- (a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

#### WITNESSES

1. ....

2. ....

.....  
SIGNATURE(S) OF BIDDERS(S)

DATE:

.....

ADDRESS

.....

## ANNEXURE D

### MBD 7.1

#### CONTRACT FORM - PURCHASE OF GOODS/SERVICES

**THIS FORM MUST BE FILLED 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 WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.**

#### PART 1 (TO BE FILLED IN BY THE BIDDER)

1. I hereby undertake to supply all or any of the goods and/or services described in the attached bidding documents to (name of institution)..... in accordance with the requirements and specifications stipulated in bid number..... at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.

2. The following documents shall be deemed to form and be read and construed as part of this agreement:

(i) Bidding documents, viz

- Invitation to bid;
- Proof of Tax Compliance Status;
- Pricing schedule(s);
- Technical Specification(s);
- Preference claim form for Preferential Procurement in terms of the Preferential Procurement Regulations;
- Declaration of interest;
- Declaration of bidder's past SCM practices;
- Certificate of Independent Bid Determination;
- Special Conditions of Contract;

(ii) General Conditions of Contract; and

(iii) Other (specify)

3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.

5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.

6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT) .....

CAPACITY .....

SIGNATURE .....

NAME OF FIRM .....

DATE .....

WITNESSES

1 .....

2.....

DATE:

**MBD 7.1**

**CONTRACT FORM - PURCHASE OF GOODS/SERVICESPART 2 (TO BE FILLED IN BY THE PURCHASER)**

1. I..... in my capacity as..... accept your bid under reference number .....dated.....for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).

2. An official order indicating delivery instructions is forthcoming.

3. I undertake to make payment for the goods/services delivered in accordance with the terms and conditions of thecontract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note.

| ITEM NO. | PRICE(ALL APPLICABLE TAXES INCLUDED) | BRAND | DELIVERY PERIOD | TOTAL PREFERENCE POINTS CLAIMED | POINTS CLAIMED FOR EACH SPECIFIC GOAL |
|----------|--------------------------------------|-------|-----------------|---------------------------------|---------------------------------------|
|          |                                      |       |                 |                                 |                                       |

4.I confirm that I am duly authorized to sign this contract.

SIGNED AT .....ON.....

NAME (PRINT) .....

SIGNATURE .....

OFFICIAL STAMP

|  |
|--|
|  |
|--|

**WITNESSES**

1. ....  
.  
2. ....  
.

**ANNEXURE E**  
**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 supplychain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - a. abused the municipality's / municipal entity's supply chain management system or committed anyimproper conduct in relation to such system;
  - b. been convicted for fraud or corruption during the past five years;
  - c. willfully neglected, reneged on or failed to comply with any government, municipal or other publicsector contract during the past five years; or
  - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention andCombating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submittedwith the bid.**

| Item  | Question   | Yes                             | No                             |
|-------|--|---------------------------------|--------------------------------|
| 4.1   | <p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed therestriction after the <i>audi alteram partem</i> rule was applied).</p> <p><b>The Database of Restricted Suppliers now resides on the National Treasury's website(<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at thebottom of the home page.</b></p> | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>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)?<br><b>The Register for Tender Defaulters can be accessed on the National Treasury's website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</b> | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>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?  | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>No |
| 4.3.1       | If so, furnish particulars:   |                                 |                                |
| <b>Item</b> | <b>Question</b>   | <b>Yes</b>                      | <b>No</b>                      |
| 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?  | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>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?  | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>No |
| 4.7.1       | If so, furnish particulars:   |                                 |                                |

## 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**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**

## ANNEXURE F

### MBD 9

#### CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> 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).<sup>2</sup> Collusive bidding is a *pe 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:
  - a take all reasonable steps to prevent such abuse;
  - b 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
  - c 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:

**<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.**

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

## CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

---

(Bid Number and Description)

in response to the invitation for the bid made by:

---

(Name of Municipality / Municipal Entity)

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

certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

- 1 I have read and I understand the contents of this Certificate;
- 2 I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3 I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 4 Each person whose signature appears on the accompanying bid has been authorised 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:
  - i has been requested to submit a bid in response to this bid invitation;
  - ii could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and



- iii 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 consortium<sup>3</sup> will not be construed as collusive bidding.
- 7 In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - a. geographical area where product or service will be rendered (market allocation)
  - b. methods, factors or formulas used to calculate prices;
  - c. the intention or decision to submit or not to submit, a bid;
  - d. the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
- 8 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- <sup>3</sup> **Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.**
- 10 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder

## ANNEXURE G

### **FORM OF OFFER AND ACCEPTANCE**

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: Project **appointment of a contractor for connection of Magotwananeng access road to D4190**

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

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

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

.....  
.....

(rands) (in words);

R..... (in figures)

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

| Signature Block: Tenderer                 |            |
|---|------------|
| Signature .....                           | Date.....  |
| Name<br>.....                             |            |
| Capacity<br>.....                         |            |
| Name of organisation<br>.....             |            |
| Address of organisation<br>.....<br>..... |            |
| Signature of witness .....                | Date ..... |
| Name of witness<br>.....                  |            |

**BIDDERS HAVE TO COMPLETE THE OFFERED TOTAL OF THE PRICES IN WORDS AS WELL AS IN FIGURES**

### **Form of Acceptance**

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

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender 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 agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

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

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

| <b>Signature Block: Employer</b> |  |
|----------------------------------|--|
| Signature .....                  | Date.....  |
| Name<br>.....                    |  |
| Capacity<br>.....                |  |
| <b>for the Employer</b>          | Fetakgomo Tubatse Municipality<br>P.O. Box 206,<br>Burgersfort, 1150 |
| Signature of witness .....       | Date.....  |
| Name of witness<br>.....         |  |

## **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 it is agreed by the Parties becomes an obligation of the contract 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:

.....  
.....  
.....  
.....  
.....  
By the duly authorized representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

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

## ANNEXURE H

### GENERAL CONDITIONS OF CONTRACT

#### Definitions

**(1) The following terms shall be interpreted as indicated:**

**“Closing time”** means the date and hour specified in the bidding documents for the receipt of bids.

**“Contracts”** means the written agreement entered into between the purchaser and the provider, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**“Contract price”** means the price payable to the provider under the contract for the full and proper performance of his contractual obligations.

**“Corrupt practice,”** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

**“Countervailing duties”** are imposed in cases where an enterprise abroad is subsidised by its government and encouraged to market its products internationally.

- a) **“Country of origin”** means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognised new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- b) **“Day”** means calendar day.
- c) **“Delivery”** means delivery in compliance of the conditions of the contract or order.
- d) **“Delivery ex stock”** means immediate delivery direct from stock actually on hand.
- e) **“Delivery into consignees store or to his site”** means delivered and unloaded in the specified store or depot on the specified site in compliance with the conditions of the contract or order, the provider bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- f) **“Dumping”** occurs when a private enterprise abroad markets its goods on its own initiative in the RSA at lower prices than that of country of origin and which have the potential to harm the local industries in the RSA.
- g) **“Force Majeure”** means an event beyond the control of provider and not involving the provider's fault or negligence and is not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- h) **“Fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidders of the benefits of free and open competition.

- i) **“GCC”** means the General Conditions of Contract.
- j) **“Goods”** means all of the equipment, machinery, and/or other materials that the provider is required to supply to the purchaser under the contract.
- k) **“Imported content”** means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the provider or his subcontractors) and which costs are inclusive of the costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- l) **“Local Content”** means that portion of the bidding price, which is not included in the imported content provided that local manufacturing does take place.
- m) **“Manufacture”** means the products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- n) **“Order”** means an official written order issued for the supply of goods or works or the rendering of a service
- o) **“Project site,”** where applicable, means the place indicated in bidding documents.
- p) **“Purchaser”** means the Fetakgomo Tubatse Local Municipality.
- q) **“Republic”** means the Republic of South Africa.
- r) **“SCC”** means the Special Conditions of Contracts.
- s) **“Services”** means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the provider covered under the contract.
- t) **“Written”** or “in Writing” means hand-written in ink or any form of electronic or mechanical writing.

## **(2) Application**

These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (including professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.

1. Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
2. Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

### **(3) General**

Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.

Invitations to bid are usually published in locally distributed news media and in the institution's website.

### **(4) Standards**

The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

### **(5) Uses of contract documents and information inspection**

The provider shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the provider in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

The provider shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.

Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchase and shall be returned (all copies) to the purchaser on completion of the provider's performance under the contract if so required by the purchaser.

The provider shall permit the purchaser to inspect the provider's records relating to the performance of the provider and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

### **(6) Patent rights**

The provider shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

When a provider developed documentation / projects for the municipality or municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will vest in the municipality or municipal entity.

### **(7) Performance Security**

Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in Special Conditions of Contract.



The process of the performance security shall be payable to the purchaser as compensation for any loss resulting from the provider's failure to complete his obligations under the contract.

The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:

1. A bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
2. A cashier's or certified cheque

The performance security will be discharged by the purchaser and returned to the provider not later than thirty (30) days following the date of completion of the provider's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

## **(8) Inspections, tests and analyses**

- 8.1 All pre-bidding testing will be for account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organisation acting on behalf of the purchaser.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services accepted or not, the cost in connection with these inspections, tests or analysis shall be defrayed by the provider.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the provider, who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies, which do comply with the requirements of the contract. Failing such removal, the rejected supplies shall be returned at the provider's cost and risk. Should the provider fail to provide the substitute supplies forthwith, the purchaser may, without giving the provider further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the provider.

- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

## **(9) Packing**

- 9.1 The provider shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any subsequent instructions ordered by the purchaser.

## **(10) Delivery and documents**

Delivery of the goods and arrangements for shipping and clearance obligations shall be made by the provider in accordance with the terms specified in the contract.

## **(11) Insurance**

The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisitions, transportation, storage and delivery in the manner specified.

## **(12) Transportation**

Should a price other than an all-inclusive delivered price be required, this shall be specified.

## **(13) Incidental services**

- a) The provider may be required to provide any or all of the following services, including additional services, if any:
- b) Performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- c) Furnishing of tools required for assembly and/or maintenance of the supplied goods; Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- d) Performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that these services shall not relieve the provider of any warranty obligations under this contract;
- e) Training of the purchaser's personnel, at the provider's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods; and

- f) Price charged by the provider for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the provider for similar services.

#### **(14) Spare parts**

As specified, the provider may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the provider:

- 14.1 Such spare parts as the purchaser may elect to purchase from the provider, provided that this election shall not relieve the provider of any warranty obligations under the contract;
- 14.2 In the event of termination of production of the spare parts:
  - (a) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
  - (b) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

#### **(15) Warranty**

- a The provider warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The provider further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of provider, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- b This warranty shall remain valid for twelve (12) months, or any portion thereof as the case may be, after goods have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.
- c The purchaser shall promptly notify the provider in writing of any claims arising under this warranty.
- d Upon receipt of such notice, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the purchaser.
- e If the provider, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the provider's risk and expense and without prejudice to any other rights which the purchaser may have against the provider under the contract.

## **(16) Payment**

- a The method and conditions of payments to be made to the provider under this contract shall be specified.
- b The provider shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfilment of other obligations stipulated in the contract.
- c Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the provider.
- d Payments will be made in Rand unless otherwise stipulated.

## **(17) Prices**

Prices charged by the provider for goods delivered and services performed under the contract shall not vary from the prices quoted by the provider in his bid, with the exception of any price adjustments authorised or in the purchaser's request for bid validity extension, as the case may be.

### **Increase/ decrease of quantities**

In cases where the estimated value of the envisaged changes in purchase does not exceed 15% of the total value of the original contract, the contractor may be instructed to deliver the revised quantities. The contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.

### **Contract amendments**

No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

### **Assignment**

The provider shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

### **Subcontracts**

The provider shall notify the purchaser in writing of all subcontracts awarded under this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the provider from any liability or obligation under the contract.

## **(18) Delays in the provider's performance**

- 18.1 Delivery of goods and performance of services shall be made by the provider in accordance with the time schedule prescribed by the purchaser in the contract.

- 18.2 If at time during performance of the contract, the provider or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the provider shall promptly notify the purchaser in writing of the act of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the provider's notice, the purchaser shall evaluate the situation and may at his discretion extend the provider's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 18.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the provider's point of supply is not situated at or near the place where the supplies are required, or the provider's services are not readily available.
- 18.4 Except as provided under GCC clause 25, a delay by the provider in the performance of its delivery obligations shall render the provider liable to the imposition of penalties, pursuant to GCC clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 18.5 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quantity and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods not delivered later at the provider's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the provider.

## **(19) Penalties**

- 19.1 Subject to GCC clause 25, if the provider fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC clause 23.

## **(20) Termination for default**

- a The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the provider, may terminate this contract in whole or in part:
- i If the provider fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC clause 21.2
  - ii If the provider fails to perform any other obligation(s) under the contract;
  - iii If the provider, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract

- b In the event of the purchaser terminating the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, goods, works or services similar to those undelivered, and the provider shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the provider shall continue performance of the contract to the extent not terminated.

#### **(21) Anti-dumping and countervailing duties and rights**

When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing rights are increased in respect of any dumped or subsidised import, the Municipality is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right are abolished, or where the amount of such provisional payments or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the provider to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the provider in regard to supplies or services which he delivered or rendered, or is to be delivered or rendered in terms of the contract or any other contract or any other amount which may be due to him.

#### **(22) Force Majeure**

- a Notwithstanding the provisions of GCC clause 22 and 23, the provider shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- b If a force majeure situation arises, the provider shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the provider shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

#### **(23) Termination for insolvency**

The purchaser may at any time terminate the contract by giving written notice to the provider if the provider becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the provider, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the purchaser.

#### **(24) Settlement of disputes**

- a If any dispute or difference of any kind whatsoever arises between the purchaser and the provider in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- b If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the provider may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- c Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- d Notwithstanding any reference to mediation and/or court proceedings herein.

- 1 The parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- 2 The purchaser shall pay the provider any monies due to the provider for goods delivered and / or services rendered according to the prescripts of the contract.

**(25) Limitation of liability**

- a Except in case of criminal negligence or willful misconduct, and in the case of infringement pursuant to clause 6:
- b The provider shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the provider to pay penalties and/or damages to the purchaser; and
- c The aggregate liability of the provider purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

**(26) Governing language**

The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

**(27) Applicable laws**

The contract shall be interpreted in accordance with South African laws, unless otherwise specified.

**(28) Notices**

- a Every written acceptance of a bid shall be posted to the provider concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address noticed later by him in writing and such posting shall be deemed to be proper services of such notice.
- b The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

**(29) Taxes and duties**

- a A foreign provider shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- b A local provider shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- c No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.

**(30) Transfer of contracts**

The contract shall not abandon, transfer, assign or sublet a contract or part thereof without the written permission of the purchaser.

**(31) Amendment of contracts**

No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.



## ANNEXURE I

### **SPECIAL CONDITIONS OF THE CONTRACTS:**

1. It is emphasized that a contract will not necessarily result from the responses received to this request for proposal. FETAKGOMO TUBATSE MUNICIPALITY reserves the right to enter into negotiations with any one or more of the respondents, should it be decided to proceed with the contract.
2. FETAKGOMO TUBATSE MUNICIPALITY reserves the right not to evaluate and /or consider any proposal that does not comply strictly with the requirements as set out in this request.
3. FETAKGOMO TUBATSE MUNICIPALITY reserves the right to make a decision/ selection based solely on the information received in the proposal to this request.
4. The bid price must remain valid for a period of 120 days calculated from the closing date.
5. Accept that the employer will not compensate the bidder for any costs incurred in the preparation and submission of a bid offer, including the costs to demonstrate that aspects of the offer satisfy requirements.
6. The Municipality may accept or reject any variation, deviation, bid offer or alternative bid offer, and may cancel the bid process and reject all bid offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a bidder for such cancellation and rejection but will give written reasons for such action upon written request to do so.
7. **The Municipal Manager may reject the bid or quote of any person if that person or any of its directors has:**
  - i. 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;
  - ii. Failed, during the last five years, to perform satisfactorily on a previous contract with the Fetakgomo Tubatse Local Municipality or any other organ of State after written notice was given to that bidder that performance was unsatisfactory;
  - iii. Abused the supply chain management system of the Municipality or have committed any improper conduct in relation to this system;
  - iv. Been convicted of fraud or corruption during the past five years;
  - v. Willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - vi. 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.
8. **The Municipal Manager may cancel a contract awarded to a person if:**
  - The person committed a corrupt or fraudulent act during the procurement process or in the execution of the contract, or
  - 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.
9. No bids will be considered from persons in the service of the state (as defined in regulation 1 of the local government: municipal supply chain management regulations)

**ANNEXURE J - BILL OF QUANTITIES**

| <b>FETAKGOMO LOCAL MUNICIPALITY</b>  |  |               |
|--|--|---------------|
| <b>CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190</b>                      |  |               |
| <b>BID NO.: FTM/T05/24/25</b>  |  |               |
|  |  |               |
| <b>SUMMARY SCHEDULE A: CONNECTION OF MAGOTWANENEG ACCESS ROAD TO D4190</b> |  |               |
| <b>ITEMS</b>   | <b>DESCRIPTIONS</b>  | <b>AMOUNT</b> |
| 1200   | GENERAL REQUIREMENTS AND PROVISIONS  |               |
| 1300   | CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATION  |               |
| 1400   | HOUSING, OFFICES AND LABORATORIES FOR THE ENGINEER'S SITE PERSONNEL  |               |
| 1500   | ACCOMMODATION OF TRAFFIC   |               |
| 1600   | OVERHAUL   |               |
| 1700   | CLEARING AND GRUBBING  |               |
| 1800   | DAYWORKS   |               |
| 2100   | DRAINS   |               |
| 2200   | PREFABRICATED CULVERTS   |               |
| 2300   | CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS                       |               |
| 3100   | BORROW MATERIAL  |               |
| 3200   | SELECTION, STOCKPILING AND BREAKING DOWN THE MATERIAL FROM BORROW PITS,AND CUTTINGS AND PLACING AND COMPACTING IN LAYERS |               |
| 3300   | MASS EARTHWORKS  |               |
| 3400   | PAVEMENT LAYERS OF GRAVEL MATERIAL   |               |
| 3500   | CHEMICAL STABILISATION   |               |
| 4100   | PRIME COAT   |               |
| 4200   | ASPHALT  |               |
| 5600   | ROAD SIGNS   |               |
| 5700   | ROAD MARKINGS  |               |
| 5900   | FINISHING THE ROAD AND ROAD RESERVE  |               |
| 8100   | TESTING MATERIAL AND WORKMANSHIP   |               |
| <b>A</b>   | <b>TOTAL SCHEDULE A: ROAD CONSTRUCTION</b>   |               |
|  |  |               |
| <b>B</b>   | <b>SUB TOTAL</b>   |               |
|  | ALLOWANCE FOR CONTINGENCIES @ 10%  |               |
| <b>C</b>   | <b>SUB TOTAL</b>   |               |
|  | <b>PROFFESIONAL FEES AT 10%</b>  |               |
| <b>D</b>   | <b>SUB TOTAL</b>   |               |
|  | VALUE ADDED TAX (VAT) 15%  |               |
| <b>E</b>   | <b>TOTAL CARRIED TO FORM OF OFFER</b>  |               |

| <b>FETAKGOMO LOCAL MUNICIPALITY</b>                   |   |             |                 |             |               |
|---|---|-------------|-----------------|-------------|---------------|
| <b>CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190</b> |   |             |                 |             |               |
| <b>BID NO.: FTM/T05/24/25</b>                         |   |             |                 |             |               |
| <b>ITEM NO</b>  | <b>DESCRIPTION</b>  | <b>UNIT</b> | <b>QUANTITY</b> | <b>RATE</b> | <b>AMOUNT</b> |
| <b>1000</b>   | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |             |                 |             |               |
| <b>B10.01</b>   | <b>SUMS STATED PROVISIONALLY BY ENGINEER</b>  |             |                 |             |               |
|   | (a) Employment of a community liaison officer for the duration of the contract  | Months      | 3               | 6000        | 18,000.00     |
|   | (b) Allowance for accredited training   | Prov. Sum   | Rate Only       | 200000      | 200,000.00    |
|   | (c) Provisional sum for payment for insitu material in Borrow Areas   | Lump Sum    | 1               | 10000       | 10,000.00     |
|   | (f) Provisional sum for client's OHS consultant   | Prov. Sum   | Rate Only       | 125000      | 125,000.00    |
|   | (h) Percentage for charges and profit on the Provisional Sums for contractor's cost and profit on items 10.01 (a), (b), (c ), (d), €, (f) and (g) | %           | 353,000.00      | 10%         | 35,300.00     |
| <b>B10.04</b>   | Contract information board  | No          | 2               |             |               |
|   | (b) Special information signs   | Lump sum    | 1               |             |               |
| <b>1000</b>   | <b>TOTAL CARRIED MAIN SUMMARY</b>   |             |                 |             |               |
| <b>1300</b>   | <b>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATION</b>  |             |                 |             |               |
| <b>13.01</b>  | Contractor's Fixed-charge and Value-related items   |             |                 |             |               |
|   | (a) Fixed-charge items  | Lump Sum    | 1               |             |               |
|   | (b) Value-related charge items  | Lump Sum    | 1               |             |               |
|   | (c) Time related obligation (Lump sum per month)  | Month       | 3               |             |               |
| <b>1300</b>   | <b>TOTAL CARRIED TO MAIN SUMMARY</b>  |             |                 |             |               |

| FETAKGOMO LOCAL MUNICIPALITY                   |   |                |          |      |        |
|--|---|----------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |   |                |          |      |        |
| BID NO.: FTM/T05/24/25                         |   |                |          |      |        |
| ITEM NO  | DESCRIPTION   | UNIT           | QUANTITY | RATE | AMOUNT |
| 1000   | SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS           |                |          |      |        |
| 1400   | HOUSING, OFFICES AND LABORATORIES                           |                |          |      |        |
|  | FOR THE ENGINEER'S SITE PERSONNEL                           |                |          |      |        |
| 14.01  | Office and laboratory accommodation                         |                |          |      |        |
|  | (a) Offices (Interior floor space only)                     | m <sup>2</sup> | 45       |      |        |
|  | ©Provision of communication                                 | Lump Sum       | 1        |      |        |
|  | (d) Maintanance of engineer's office                        | Lump Sum       | 1        |      |        |
|  | (e) Ablution units  | m <sup>2</sup> | 18       |      |        |
|  | (f) Stores  | m <sup>2</sup> | 40       |      |        |
| 14.02  | Office and laboratory furniture                             |                |          |      |        |
|  | (a) Chairs  | No             | 2        |      |        |
|  | (d) Desks complete with drawers and locks                   | No             | 2        |      |        |
|  | (f) Conference tables                                       | No             | 1        |      |        |
|  | (g) Car ports 20 m <sup>2</sup> each                        | No             | 1        |      |        |
| 14.03  | Office and laboratory fittings, installations and equipment |                |          |      |        |
|  | (a) Items measured by number                                |                |          |      |        |
|  | (i) 220/250 volt power points                               | No             | 5        |      |        |
|  | (ii) General purpose steel cupboards and shelves            | No             | 2        |      |        |
|  | (iii) Steel filling cabinets with drawers                   | No             | 2        |      |        |
| 1400   | TOTAL CARRIED TO MAIN SUMMARY                               |                |          |      |        |

| FETAKGOMO LOCAL MUNICIPALITY                   |  |                |          |      |        |
|--|--|----------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |  |                |          |      |        |
| BID NO.: FTM/T05/24/25                         |  |                |          |      |        |
| ITEM NO  | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT |
| <b>1000</b>                                    | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>   |                |          |      |        |
| <b>1500</b>                                    | <b>SECTION 1500: ACCOMMODATION OF TRAFFIC</b>              |                |          |      |        |
| 15.01  | Accommodating traffic and maintaining temporary deviations | Km             | 0.5      |      |        |
| 15.02  | Earthworks for temporary deviations:                       |                |          |      |        |
|  | (a) Shaping of temporary deviations                        | Km             | 0.5      |      |        |
|  | (b) Cut and borrow to fill                                 | m <sup>3</sup> | 50       |      |        |
|  | (c) Cut to spoil   | m <sup>3</sup> | 50       |      |        |
| 15.03  | Temporary traffic-control facilities:                      |                |          |      |        |
|  | (a) Flagmen  | Lump sum       | 1        |      |        |
|  | (b) Portable STOP and GO-RY signs                          | No             | 4        |      |        |
|  | (d) Amber flicker lights                                   | No             | 4        |      |        |
|  | (e) Road signs, R- and TR-series                           | No.            | 4        |      |        |
|  | (f) Road signs, TW-series                                  | No             | 6        |      |        |
|  | (h) Danger plates and delineators                          | No             | 16       |      |        |
|  | (j) Traffic cones  | No             | 100      |      |        |
|  | (n) Drums  | No             | 2        |      |        |
| 15.04  | Re-location of traffic control facilities                  |                |          |      |        |
|  | (b) Portable STOP and GO-RY signs                          | No             | 4        |      |        |
|  | (c) Road signs, R- and TR-series                           | No             | 4        |      |        |
|  | (d) Yellow flicker lights                                  | No.            | 4        |      |        |
|  | (f) Road signs, TW-series                                  | No             | 8        |      |        |
|  | (h) Danger plates and delineators                          | No             | 10       |      |        |
|  | (j) Traffic cones  | No             | 10       |      |        |
|  | (n) Drums  | No             | 2        |      |        |
| <b>1500</b>                                    | <b>TOTAL CARRIED TO NEXT PAGE</b>                          |                |          |      |        |

| <b>FETAKGOMO LOCAL MUNICIPALITY</b>                   |   |                    |                 |             |               |
|---|---|--------------------|-----------------|-------------|---------------|
| <b>CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190</b> |   |                    |                 |             |               |
| <b>BID NO.: FTM/T05/24/25</b>                         |   |                    |                 |             |               |
| <b>ITEM NO</b>  | <b>DESCRIPTION</b>  | <b>UNIT</b>        | <b>QUANTITY</b> | <b>RATE</b> | <b>AMOUNT</b> |
| <b>1000</b>   | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |                    |                 |             |               |
|   | <b>BROUGHT FORWARD FROM PREVIOUS PAGE</b>   |                    |                 |             |               |
| 15.05   | Gravelling and repair of temporary deviations   | Km                 | Rate only       |             |               |
| 15.06   | Watering of temporary of temporary deviations   | Kl                 | Rate only       |             |               |
| 15.07   | Blading by road grader of   |                    |                 |             |               |
|   | (a) Temporary deviations  | Km-pass            | 0.5             |             |               |
| 15.15   | Penalty to be deducted for non-compliance with requirements for traffic accommodation   |                    |                 |             |               |
|   | (a) Fixed penalty per occurrence  | No                 | 0               |             | Rate only     |
|   | (b) Time related penalty  | No                 | 0               |             | Rate only     |
| <b>1500</b>   | <b>TOTAL CARRIED TO SUMMARY</b>   |                    |                 |             |               |
| <b>1600</b>   | <b>SECTION 1600: OVERHAUL</b>   |                    |                 |             |               |
| 16.01   | Overhaul on material hauled in excess of a free-haul distance of 1 km, for haul up to or through 1.0 km (restricted overhaul) | m <sup>3</sup>     | 600             |             |               |
| 16.02   | Overhaul on material in excess of 1.0 km (ordinary overhaul)  | m <sup>3</sup> -km | 600             |             |               |
| <b>1600</b>   | <b>TOTAL CARRIED TO SUMMARY</b>   |                    |                 |             |               |
|   | <b>SECTION 1700: CLEARING AND GRUBBING</b>  |                    |                 |             |               |
| 17.01   | Clearing and grubbing   | ha                 | 0.09            |             |               |
| 17.02   | Remove and grub large trees and tree stumps of girth  |                    |                 |             |               |
|   | (a) Over 1m and up to and including 2m  | No                 |                 | Rate only   |               |
|   | (b) Over 2m and up to and including 3m  | No.                |                 | Rate only   |               |
| <b>1700</b>   | <b>TOTAL CARRIED TO SUMMARY</b>   |                    |                 |             |               |

| FETAKGOMO LOCAL MUNICIPALITY                   |   |      |          |           |        |
|--|---|------|----------|-----------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |   |      |          |           |        |
| BID NO.: FTM/T05/24/25                         |   |      |          |           |        |
| ITEM NO  | DESCRIPTION   | UNIT | QUANTITY | RATE      | AMOUNT |
| <b>1000</b>                                    | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |      |          |           |        |
| <b>1800</b>                                    | <b>SECTION 1800: DAY WORKS</b>  |      |          |           |        |
| 18.01  | Labourers:  |      |          |           |        |
|  | (a) Normal Working hours  |      |          |           |        |
|  | (i) Unskilled   | hr   | 10       |           |        |
|  | (ii) Semi-skilled   | hr   | 20       |           |        |
|  | (iii) Skilled   | hr   | 10       |           |        |
|  | (b) Overtime and weekends   |      |          |           |        |
|  | (i) Unskilled   | hr   | 65       | Rate only |        |
|  | (ii) semi-skilled   | hr   | 75       | Rate only |        |
|  | (iii) skilled   | hr   | 95       | Rate only |        |
| 18.03  | Hire of Construction Equipment  |      |          |           |        |
|  | Tipper trucks   |      |          |           |        |
|  | (i) 3-5 ton   | hr   | 60       | Rate only |        |
|  | (ii) 5.1-10 ton   | hr   | 225      | Rate only |        |
| 18.04  | Loader (0.5m3)  | hr   | 400      | Rate only |        |
| 18.05  | Grader (CAT 140G or similar)  | hr   | 190      | Rate only |        |
| <b>1800</b>                                    | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |      |          |           |        |
| <b>2300</b>                                    | <b>SECTION 2300: CONCRETE KERBING, CHANNELLING, CHUTES AND DOWNPIPES AND CONCRETE LININGS FOR OPEN DRAINS</b>                                 |      |          |           |        |
| 23.01  | Concrete kerbing  |      |          |           |        |
|  | (a) Prefabricated mountable kerb, SABS 927. Type Fig 8B and   | m    | 460      |           |        |
|  | (b) Cast in situ concrete mountable kerb class 25/19 mm with U2 surface finish,<br>300 mm wide, 105 mm facing the road and 225 mm at the back | m    | 20       |           |        |
|  | (c) Barrier Kerbing with 500 mm channel   | m    | 10       |           |        |
| <b>2300</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>   |      |          |           |        |

| FETAKGOMO LOCAL MUNICIPALITY                   |   |                      |          |      |        |
|--|---|----------------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |   |                      |          |      |        |
| BID NO.: FTM/T05/24/25                         |   |                      |          |      |        |
| ITEM NO  | DESCRIPTION   | UNIT                 | QUANTITY | RATE | AMOUNT |
| <b>1000</b>                                    | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |                      |          |      |        |
| <b>3100</b>                                    | <b>SECTION 3100: BORROW MATERIALS</b>   |                      |          |      |        |
| 31.01  | Excess Overburden   | m <sup>3</sup>       | 300.00   |      |        |
| 31.03  | Finishing off borrow areas in   |                      |          |      |        |
|  | (a) Hard material   | m <sup>3</sup>       | 8.00     |      |        |
|  | (b) intermediate material   | m <sup>3</sup>       | 8.00     |      |        |
|  | (c) Soft material   | m <sup>3</sup>       | 20.00    |      |        |
| <b>3100</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>   |                      |          |      |        |
| <b>3300</b>                                    | <b>SECTION 3300: MASS EARTHWORKS</b>  |                      |          |      |        |
| 33.01  | Cut and borrow to fill, including free-haul up to 0.5 km:   |                      |          |      |        |
|  | (a) Gravel material in compacted layer thickness of 150 mm and less:  |                      |          |      |        |
|  | (i) Compacted to 98% of modified AASHTO Density   | m <sup>3</sup>       | 1000     |      |        |
|  | (ii) Compacted to 98% of modified AASHTO Density  | m <sup>3</sup>       | 1000     |      |        |
|  | (iii) Eight-roller-pass compaction  | m <sup>3</sup>       | 1000     |      |        |
|  | (c) Rock fill for road and culvert structures foundations. Maximum size of rock fill to be 750 mm and shall be <b><u>compacted at vibrations with maximum operating frequencies of 30Hz and</u></b> |                      |          |      |        |
|  | dynamic force of at least 100 KN/m  | m <sup>3</sup>       | 320      |      |        |
| 33.03  | Extra-over item 33.01 for excavating and breaking down material in:   |                      |          |      |        |
|  | (a) Intermediate material   | m <sup>3</sup>       | 90       |      |        |
|  | (b) Hard rock   | m <sup>3</sup>       | 50       |      |        |
| 33.06  | Variations in the number of roller passes, applicable to items. 33.01(b)(iii) and 33.11   |                      |          |      |        |
|  | <b><u>(a) Vibratory rollers</u></b>   | m <sup>2</sup> -pass | 1000     |      |        |
|  | (b) Heavy grid rollers  | m <sup>2</sup> -pass | 1000     |      |        |
| 33.07  | <b><u>Cut to spoil, including free-haul up to 0.5 km, unsuitable material:</u></b>  |                      |          |      |        |
|  | (a) In layer thickness of 200 mm and less   | m <sup>3</sup>       | 20       |      |        |
|  | <b><u>(i) Stable material</u></b>   |                      |          |      |        |
|  | (ii) Unsuitable material  | m <sup>3</sup>       | 20       |      |        |
| <b>3300</b>                                    | <b>CARRIED FORWARD TO THE NEXT PAGE</b>   |                      |          |      |        |



| <b>FETAKGOMO LOCAL MUNICIPALITY</b>                   |   |                                  |                 |             |               |
|---|---|----------------------------------|-----------------|-------------|---------------|
| <b>CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190</b> |   |                                  |                 |             |               |
| <b>BID NO.: FTM/T05/24/25</b>                         |   |                                  |                 |             |               |
| <b>ITEM NO</b>  | <b>DESCRIPTION</b>  | <b>UNIT</b>                      | <b>QUANTITY</b> | <b>RATE</b> | <b>AMOUNT</b> |
| <b>1000</b>   | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |                                  |                 |             |               |
|   | <b>BROUGHT FORWARD FROM PREVIOUS PAGE</b>   |                                  |                 |             |               |
| 33.10   | Roadbed preparation and the compaction of material:<br>(i) Compaction to 98% of modified AASHTO density | m <sup>3</sup>                   | 850             |             |               |
| 33.11   | Three-pass roller pass compaction<br>(a) Heavy pneumatic-tyred roller                                   | m <sup>2</sup>                   | 3800            |             |               |
| 33.1  | In-situ treatment of roadbed<br>(a) In-situ treatment by ripping  | m <sup>3</sup>                   | 110             |             |               |
| 33.13   | Finishing off cut and fill slopes, median and interchange areas<br>(a) Cut slopes<br>(b) Fill slopes    | m <sup>3</sup><br>m <sup>3</sup> | 44<br>56        |             |               |
| <b>3300</b>   | <b>TOTAL CARRIED TO SUMMARY</b>   |                                  |                 |             |               |

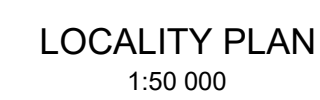
| FETAKGOMO LOCAL MUNICIPALITY                   |  |                   |          |      |        |
|--|--|-------------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |  |                   |          |      |        |
| BID NO.: FTM/T05/24/25                         |  |                   |          |      |        |
| ITEM NO  | DESCRIPTION  | UNIT              | QUANTITY | RATE | AMOUNT |
| 1000   | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>   |                   |          |      |        |
| 3400   | <b>SECTION 3400: PAVEMENT LAYERS OF GRAVEL MATERIAL</b>  |                   |          |      |        |
| 34.01  | Pavement layers constructed from gravel taken from cut or borrow, including free-haul up to 2 km.        |                   |          |      |        |
|  | (a) Gravel Base (G4 material) compacted in layer of 150mm Thk  |                   |          |      |        |
|  | (1) G4 material compacted to 98% modified AASHTO.  | m <sup>3</sup>    | 1000     |      |        |
|  | (2) G1 material of 125mm thick compacted to 98% modified AASHTO  | m <sup>3</sup>    | 60       |      |        |
|  | (b) Gravel Sub-base (G5 material) compacted in layer of 150mm Thick                                      |                   |          |      |        |
|  | (1) G5 material compacted to 98% modified AASHTO.  | m <sup>3</sup>    | 1,000    |      |        |
|  | (2) C4 material of 150mm thick compacted to 98% modified AASHTO  | m <sup>3</sup>    | 1000     |      |        |
|  | (e) Subgrade G7 material compacted in layer of 150mm Thick   |                   |          |      |        |
|  | compacted layer thickness of 150 mm  | m <sup>3</sup>    | 1,000    |      |        |
|  | (ii) 150mm Rip & Re-compact G10  | m <sup>3</sup>    | 500      |      |        |
| 34.03  | Overhaul (extra over item 34.01 on material hauled in excess of free haul distance of 2km) - Provisional | m <sup>3</sup> km | 600      |      |        |
| 3400   | <b>TOTAL CARRIED TO SUMMARY</b>  |                   |          |      |        |
| 3500   | <b>SECTION 3500: CHEMICAL STABILISATION</b>  |                   |          |      |        |
| 35.01  | Chemical stabilisation, 150 mm thick layer, extra over unstabilised compacted layers (C4)                | m <sup>3</sup>    | 950      |      |        |
| 35.02  | Chemical stabilizing agent:  |                   |          |      |        |
|  | (a) Ordinary Portland cement   | ton               | 30       |      |        |
| 35.03  | Provision and application of water for curing base   | Kl                | 1200     |      |        |
| 35.04  | Curing by covering with the subsequent layer (curing subbase by covering with uncompacted base material  | m <sup>2</sup>    | 4200     |      |        |
| 3500   | <b>TOTAL CARRIED TO SUMMARY</b>  |                   |          |      |        |

| FETAKGOMO LOCAL MUNICIPALITY                   |   |                |          |      |        |
|--|---|----------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |   |                |          |      |        |
| BID NO.: FTM/T05/24/25                         |   |                |          |      |        |
| ITEM NO  | DESCRIPTION   | UNIT           | QUANTITY | RATE | AMOUNT |
| <b>1000</b>                                    | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>  |                |          |      |        |
| <b>4100</b>                                    | <b>SECTION 4100: PRIME COAT</b>   |                |          |      |        |
| 41.01  | Prime coat:   |                |          |      |        |
|  | (a) Type Quick drying RTH grade 1/4P applied at a rate of 0.75 litres per m2  | litres         | 10000    |      |        |
| 41.02  | Aggregate for blinding  | m <sup>2</sup> | 45       |      |        |
| <b>4100</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>   |                |          |      |        |
| <b>4200</b>                                    | <b>SECTION 4200: ASPHALT</b>  |                |          |      |        |
| 42.02  | Asphalt surfacing 30 mm thick in 80/100 penetration-grade bituminous binder   |                |          |      |        |
|  | (a) Continuously medium graded  | m <sup>2</sup> | 1200     |      |        |
|  | (b) Continuously medium graded 50mm thick Asphalt   | m <sup>2</sup> | 300      |      |        |
| 42.03  | Rolled-in 13.2 mm chippings in surfacing  | ton            | 4.0      |      |        |
| 42.04  | Tack coat of 30% stable-grade emulsion  | litre          | 1200     |      |        |
| 42.06  | Variation in active filler content  |                |          |      |        |
|  | (a) Cement  |                |          |      |        |
| 42.07  | Trial sections with layer thickness of 50mm   | m <sup>2</sup> | 96       |      |        |
| 42.13  | Placing and compacting asphalt in restricted areas:   |                |          |      |        |
|  | (a) Extra over items 42.02  | m <sup>2</sup> | 14       |      |        |
| <b>4200</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>   |                |          |      |        |
| <b>5600</b>                                    | <b>SECTION 5600: ROAD SIGNS</b>   |                |          |      |        |
| 56.01  | Road sign boards with painted or coloured semi-matt background. Symbols, lettering and borders in semi-matt black or class I retro-reflective material, where the sign board is constructed from: |                |          |      |        |
|  | (c) Prepainted galvanized steel plate (chromadek or approved equivalent):   |                |          |      |        |
|  | (i) Area not exceeding 2 m <sup>2</sup>   | m <sup>2</sup> | 4        |      |        |
| 56.03  | Road sign supports  |                |          |      |        |
|  | (b) Steel tubing 3.6 long   | ton            | 0.1      |      |        |
| 56.05  | Excavation and backfilling for road sign  |                |          |      |        |
|  | (a) For road sign supports (not applicable to kilometre posts)  | m <sup>3</sup> | 3        |      |        |
| 56.06  | (b) Extra over item 56.05 for cement-treated soil backfill (8% cement)  | m <sup>3</sup> | 3        |      |        |
| 56.08  | Dismantling, storing and re-electing road signs with a surface area of:   |                |          |      |        |
|  | (a) up to 2 m <sup>2</sup>  | No             | 8        |      |        |
| <b>5600</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>   |                |          |      |        |

| FETAKGOMO LOCAL MUNICIPALITY                   |  |                |          |      |        |
|--|--|----------------|----------|------|--------|
| CONNECTION OF MAGOTWANENG ACCESS ROAD TO D4190 |  |                |          |      |        |
| BID NO.: FTM/T05/24/25                         |  |                |          |      |        |
| ITEM NO  | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT |
| <b>1000</b>                                    | <b>SECTION 1000: GENERAL REQUIREMENTS AND PROVISIONS</b>                                       |                |          |      |        |
| <b>5700</b>                                    | <b>SECTION 5700: ROAD MARKINGS</b>   |                |          |      |        |
| 57.01  | Road-marking paint   |                |          |      |        |
|  | (a) White lines (broken)   |                |          |      |        |
|  | (i) 100 mm wide  | Km             | 0.96     |      |        |
|  | (a) White lines (Solid)  |                |          |      |        |
|  | (i) 100 mm wide  | Km             | 0.96     |      |        |
|  | (b) Yellow lines (broken or unbroken)  |                |          |      |        |
|  | (i) 150 mm wide  | Km             | 1.0      |      |        |
|  | (d) White lettering and symbols  | m <sup>2</sup> | 4        |      |        |
|  | (e) White lines (broken)   |                |          |      |        |
|  | (i) 200 mm wide  | Km             | 0.2      |      |        |
|  | (f) White lines  |                |          |      |        |
|  | (i) 300 mm wide  | Km             | 0.2      |      |        |
| 57.04  | Variation in rate of application   |                |          |      |        |
|  | (a) White paint  | l              | 100      |      |        |
|  | (b) Yellow paint   | l              | 100      |      |        |
| 57.05  | Road studs   |                |          |      |        |
|  | (i) Supply and install KT-303 Metal Road Studs in compliance with SABS 1442                    | No.            | 1        |      |        |
| 57.06  | Setting out and premarking the lines (excluding traffic-island markings, lettering and symbols | Km             | 0.96     |      |        |
| 57.07  | Re-establishing the painting unit at the end of the maintenance period                         | Lump sum       | 1        |      |        |
| <b>5700</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>  |                |          |      |        |
| <b>5900</b>                                    | <b>SECTION 5900 : FINISHING THE ROAD AND ROAD RESERVE</b>                                      |                |          |      |        |
| 59.01  | Finishing the road and road reserve:   |                |          |      |        |
|  | (b) Single-carriageway road  | Km             | 0.96     |      |        |
| 59.02  | Treatment of the temporary bypasses  | Km             | 0.96     |      |        |
| <b>5900</b>                                    | <b>TOTAL CARRIED TO SUMMARY</b>  |                |          |      |        |



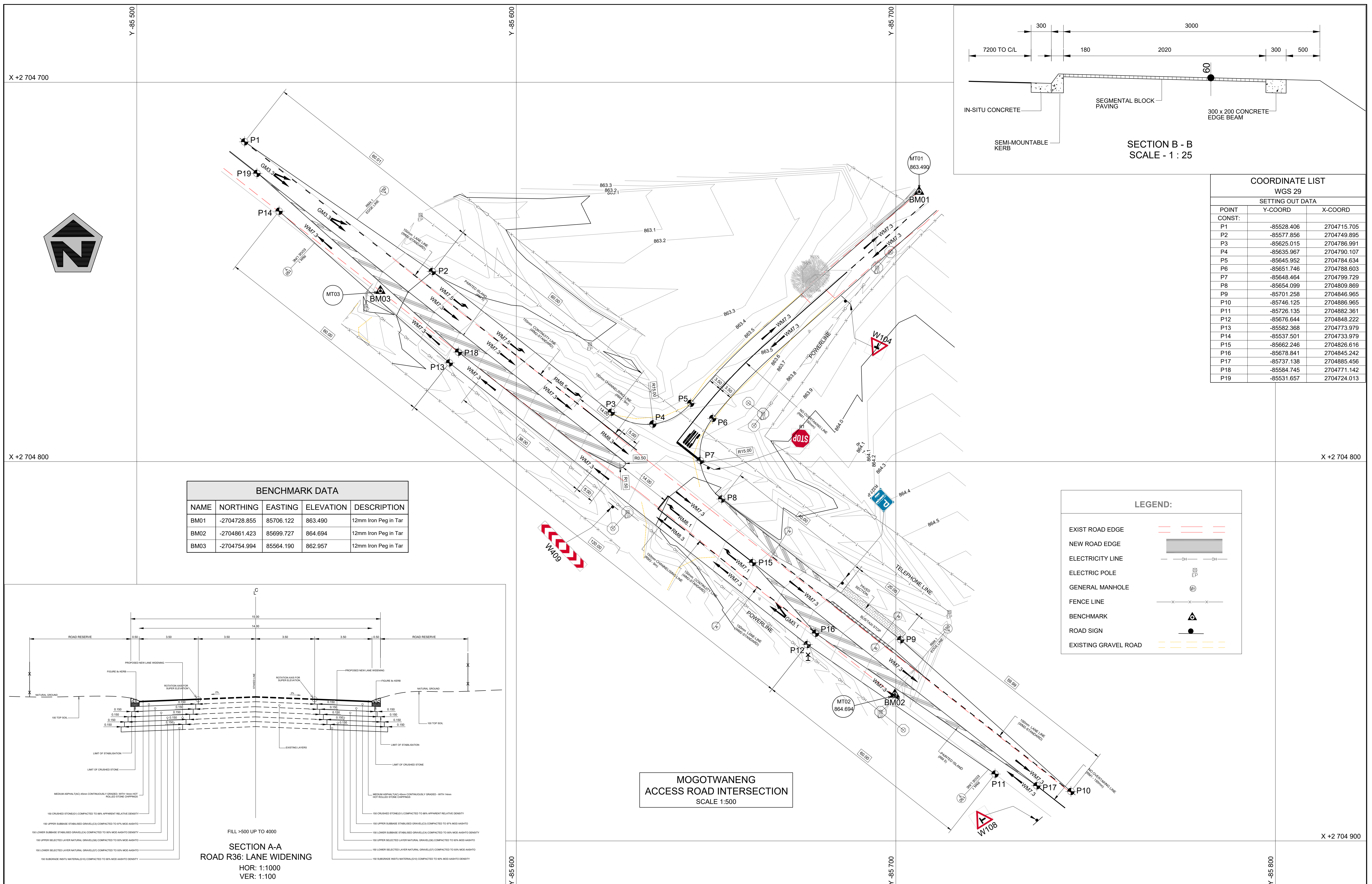
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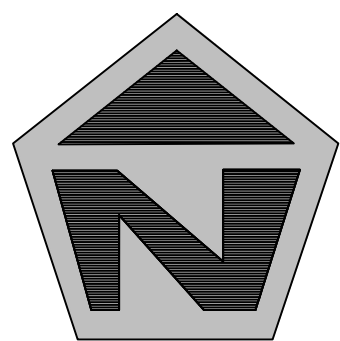








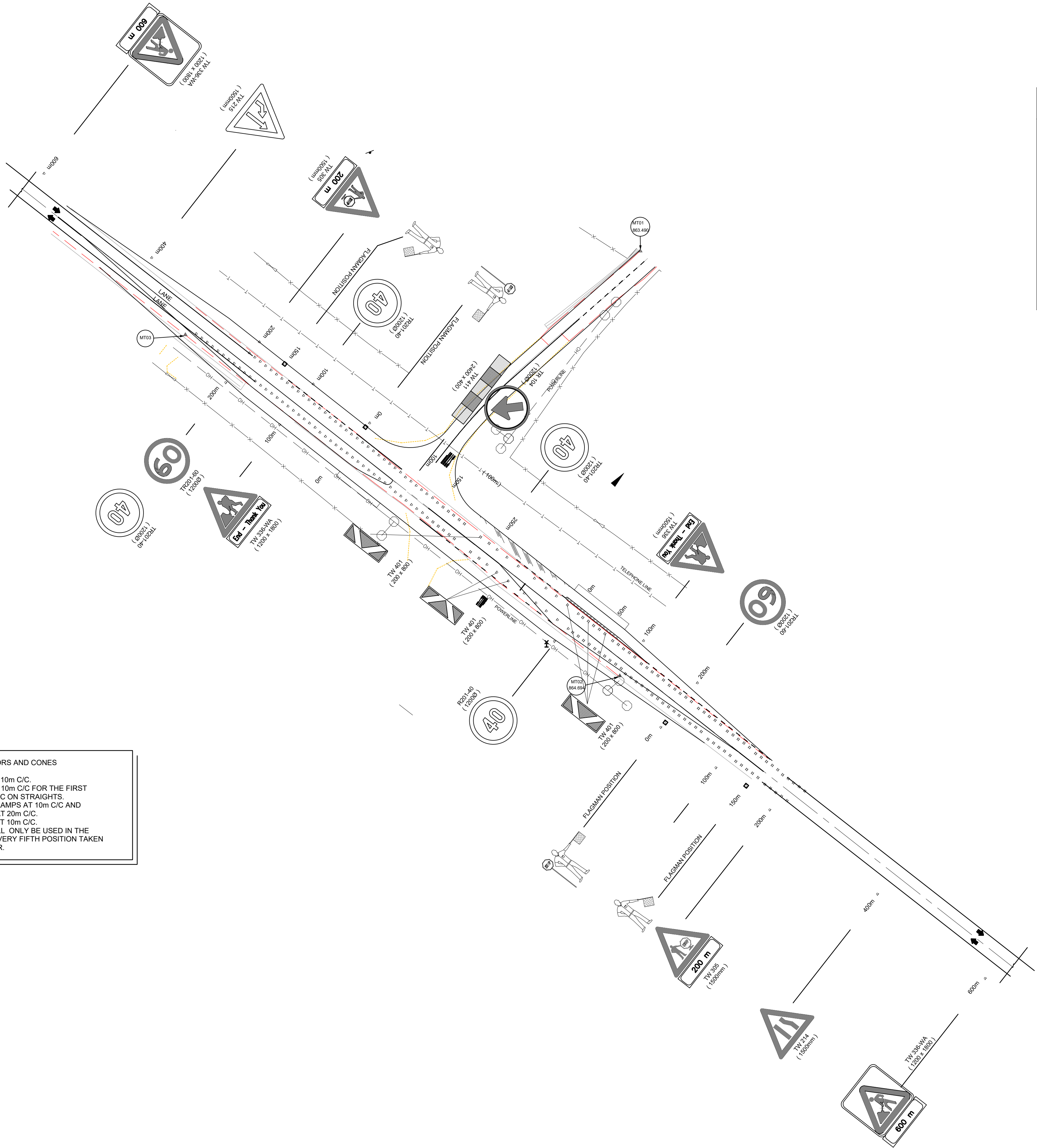




SPACING OF DELINEATORS AND CONES

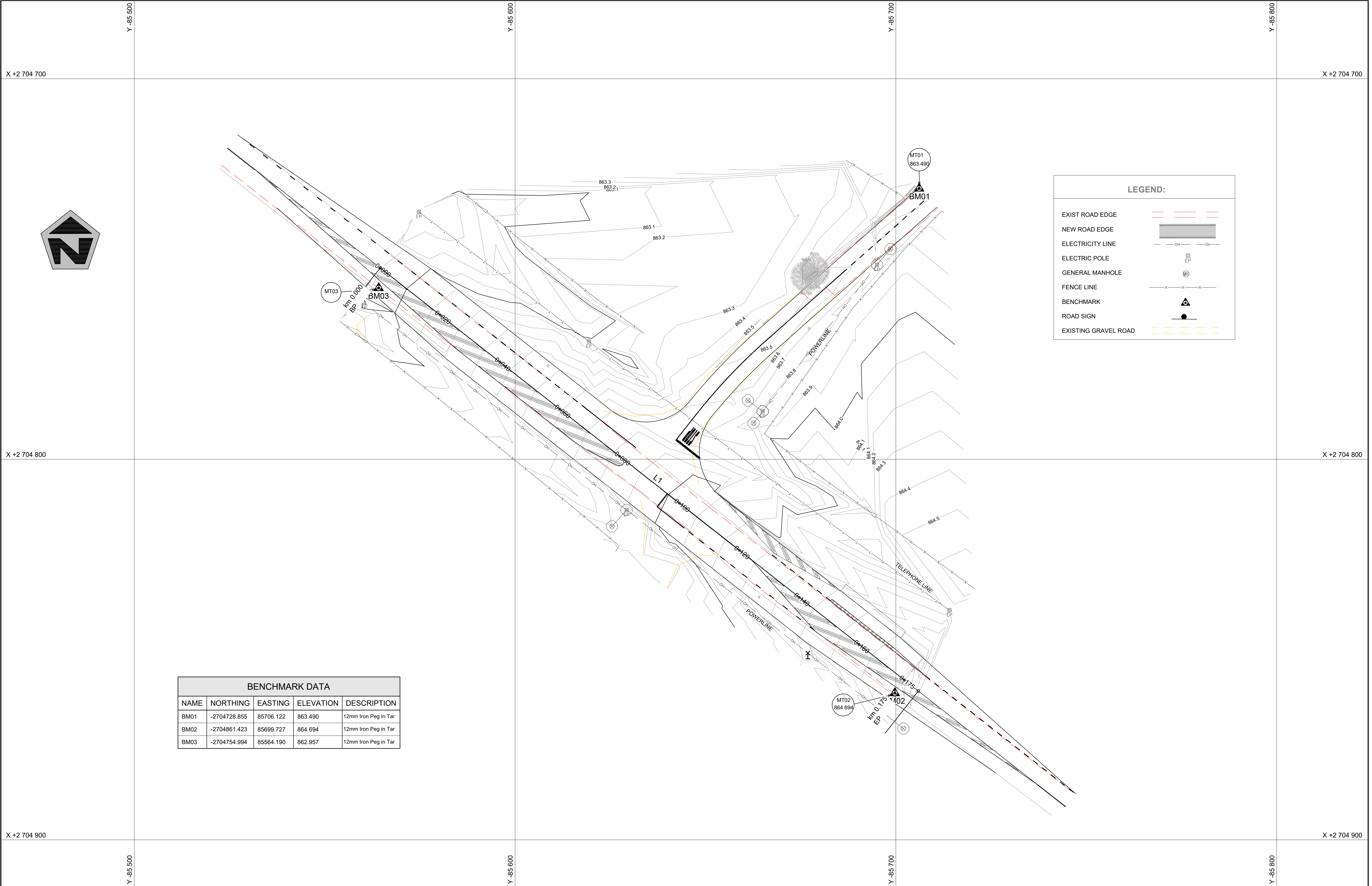
1. TRANSITION AREA AT 10m C/C.
2. STABILIZING AREA AT 10m C/C FOR THE FIRST 50m, THEN AT 30m C/C ON STRAIGHTS.
3. WORK AREA ALONG RAMPS AT 10m C/C AND ALONG FREEWAYS AT 20m C/C.
4. TERMINATION AREA AT 10m C/C.
5. TRAFFIC CONES SHALL ONLY BE USED IN THE WORK AREA WITH EVERY FIFTH POSITION TAKEN UP BY A DELINEATOR.

| LEGEND:              |  |
|----------------------|--|
| EXIST ROAD EDGE      |  |
| NEW ROAD EDGE        |  |
| ELECTRICITY LINE     |  |
| ELECTRIC POLE        |  |
| GENERAL MANHOLE      |  |
| FENCE LINE           |  |
| BENCHMARK            |  |
| ROAD SIGN            |  |
| EXISTING GRAVEL ROAD |  |



|     |      |   |  |                       |            |                        |                         |                        |   |  |                |                   |  |
|-----|------|---|--|-----------------------|------------|------------------------|-------------------------|------------------------|---|--|----------------|-------------------|--|
|     |      |   |  | DESIGNED BY           |            | S. BOKE<br>DESIGNED    | CONSULTANT              | RECOMMENDED            | CLIENT ADDRESS:<br><br>Greater Tubatse Municipality<br>P O Box 206<br>Burgersfort<br>1158<br>Tel: (013) 231 1000<br>Fax: (013) 231 7467 | CLIENT<br>GREATER TUBATSE MUNICIPALITY                                       | CONTRACT No. _ | SCALE<br>AS SHOWN | TYPE OF PLANNING<br>DESIGN<br>DRAWINGS |
|     |      | <br>TUSCANY OFFICE PARK,<br>BUILDING 6, COOMBE PLACE<br>REYONIA 2156.<br>Tel: +27 11 234 1623 |  | T. MUNDALAMO<br>DRAWN |            |                        | for CONSULTING ENGINEER | for HEAD OF DEPARTMENT |   | PROJECT TITLE<br>MAGOTWANENG ACCESS ROAD INTERSECTION                        |                | REVISION          | PLAN No.                               |
| No. | DATE | REVISIONS   |  | BY                    | CHECKED BY | S. NEMUKULA<br>CHECKED | DATE:                   | DATE:                  |   | DRAWING TITLE<br>MAGOTWANENG ACCESS ROAD INTERSECTION : TRAFFIC ACCOMODATION |                | 0                 | MC04/22/ACc/01                         |



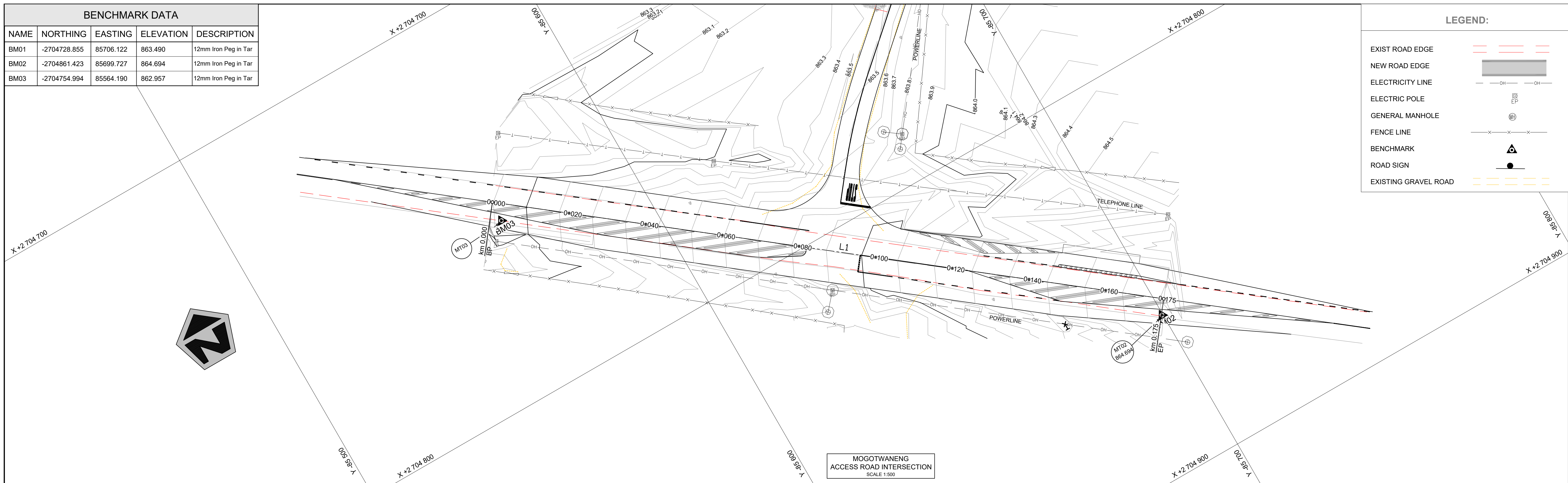


| BENCHMARK DATA |              |           |           |                      |
|----------------|--------------|-----------|-----------|----------------------|
| NAME           | NORTHING     | EASTING   | ELEVATION | DESCRIPTION          |
| BM01           | -2704728.855 | 85706.122 | 863.490   | 12mm Iron Peg in Tar |
| BM02           | -2704861.423 | 85699.727 | 864.694   | 12mm Iron Peg in Tar |
| BM03           | -2704754.994 | 85564.190 | 862.957   | 12mm Iron Peg in Tar |

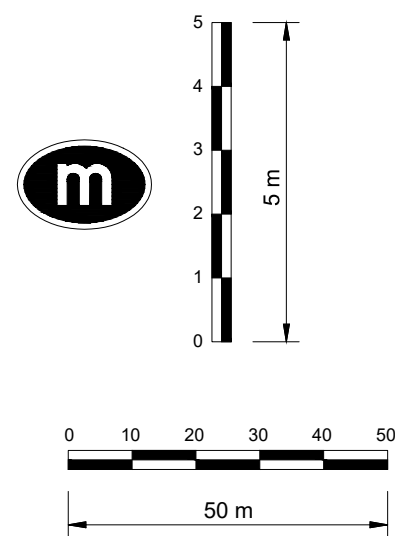
|          |  |   |  |                       |  |                         |  |                        |  |  |  |                |  |                    |  |                  |  |
|----------|--|---|--|-----------------------|--|-------------------------|--|------------------------|--|--|--|----------------|--|--------------------|--|------------------|--|
|          |  | DESIGNED BY   |  | CONSULTANT            |  | RECOMMENDED             |  | CLIENT ADDRESS:        |  | CLIENT   |  | CONTRACT No. _ |  | SCALE              |  | TYPE OF PLANNING |  |
|          |  |   |  | S. BOKE<br>DESIGNED   |  |                         |  |                        |  | PROJECT TITLE  |  | AS SHOWN       |  | DESIGN<br>DRAWINGS |  |                  |  |
|          |  | TUSCANY OFFICE PARK,<br>BUILDING 6, COOMBE PLACE<br>REYDONIA 2156. Tel: +27 11 234 1623 |  | T. MUNDALAMO<br>DRAWN |  | for CONSULTING ENGINEER |  | for HEAD OF DEPARTMENT |  | MAGOTWANENG ACCESS ROAD INTERSECTION                 |  | REVISION       |  | PLAN No.           |  |                  |  |
| No. DATE |  | REVISIONS   |  | BY                    |  | CHECKED BY              |  | DATE:                  |  | DRAWING TITLE  |  | 0              |  | MC04/22/DCo/01     |  |                  |  |
|          |  |   |  |                       |  |                         |  |                        |  | MAGOTWANENG ACCESS ROAD INTERSECTION : ROAD CONTOURS |  |                |  |                    |  |                  |  |



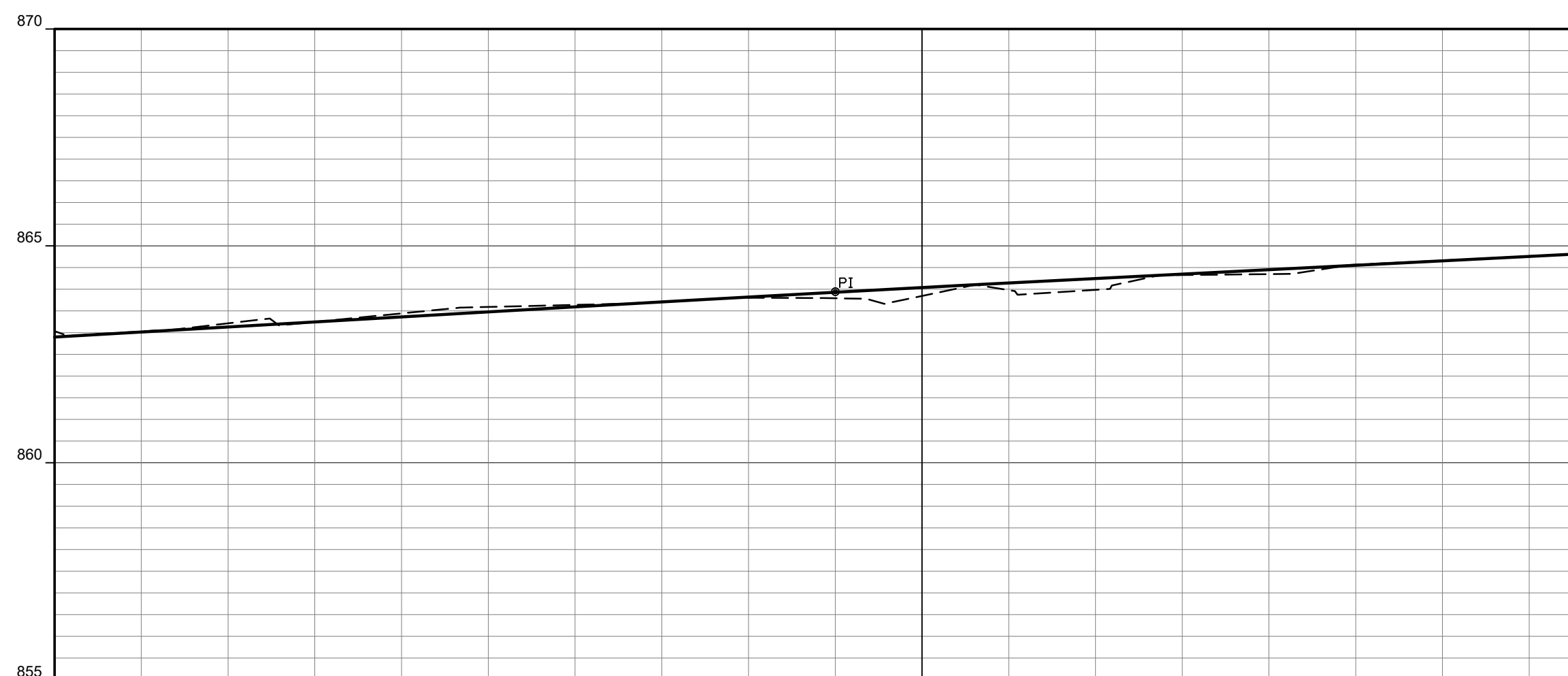
| BENCHMARK DATA |              |           |           |                      |
|----------------|--------------|-----------|-----------|----------------------|
| NAME           | NORTHING     | EASTING   | ELEVATION | DESCRIPTION          |
| BM01           | -2704728.855 | 85706.122 | 863.490   | 12mm Iron Peg in Tar |
| BM02           | -2704861.423 | 85699.727 | 864.694   | 12mm Iron Peg in Tar |
| BM03           | -2704754.994 | 85564.190 | 862.957   | 12mm Iron Peg in Tar |



| ALIGNMENT DATA: access road |                         |                        |                              |        |                |           |
|-----------------------------|-------------------------|------------------------|------------------------------|--------|----------------|-----------|
| SEGMENT                     | CHAINAGE                | EASTING                | NORTHING                     | RADIUS | D.A. / BEARING | LENGTH    |
| L1                          | Km 0.000 to<br>Km 0.175 | 85564.575<br>85702.245 | -2704749.716<br>-2704858.009 |        | 308°11'20"     | 175.158 m |



DATUM 855.000



| VERTICAL CURVES GRADE       |                |       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|-----------------------------|----------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| FINAL<br>ROAD<br>LEVELS     | H <sub>L</sub> | LEFT  |         | 862.993 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                             | H <sub>C</sub> | ON CL |         | 862.897 | 863.013 | 863.129 | 863.246 | 863.362 | 863.478 | 863.594 | 863.689 | 863.801 | 863.932 | 864.040 | 864.145 | 864.248 | 864.350 | 864.452 | 864.554 | 864.656 | 864.757 | 864.810 |
|                             | H <sub>R</sub> | RIGHT |         |         |         | 863.226 | 863.342 | 863.458 | 863.574 | 863.689 | 863.801 | 863.912 | 864.020 | 864.125 | 864.228 | 864.330 | 864.432 | 864.534 | 864.636 | 864.757 | 864.810 |         |
| SUPER ELEVATION             |                |       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| GROUND LEVELS AT GRADE LINE |                |       | 863.033 | 863.027 | 863.215 | 863.247 | 863.443 | 863.592 | 863.639 | 863.712 | 863.804 | 863.792 | 863.846 | 863.980 | 863.986 | 864.327 | 864.348 | 864.585 | 864.663 | 864.760 | 864.810 |         |
| KILOMETER DISTANCE          |                |       | 0.000   | 0.010   | 0.020   | 0.030   | 0.040   | 0.050   | 0.060   | 0.070   | 0.080   | 0.090   | 0.100   | 0.110   | 0.120   | 0.130   | 0.140   | 0.150   | 0.160   | 0.170   | 0.175   |         |
| CUT / FILL                  |                |       | -0.136  | -0.013  | -0.085  | -0.001  | -0.082  | -0.114  | -0.045  | -0.003  | 0.017   | 0.140   | 0.183   | 0.185   | 0.262   | 0.022   | 0.103   | -0.012  | -0.007  | -0.002  | 0.000   |         |

[illegible]



ROAD MARKING DETAILS

SHEET 1 OF 2

NOTES: (RURAL LONGITUDINAL LINE TYPES)

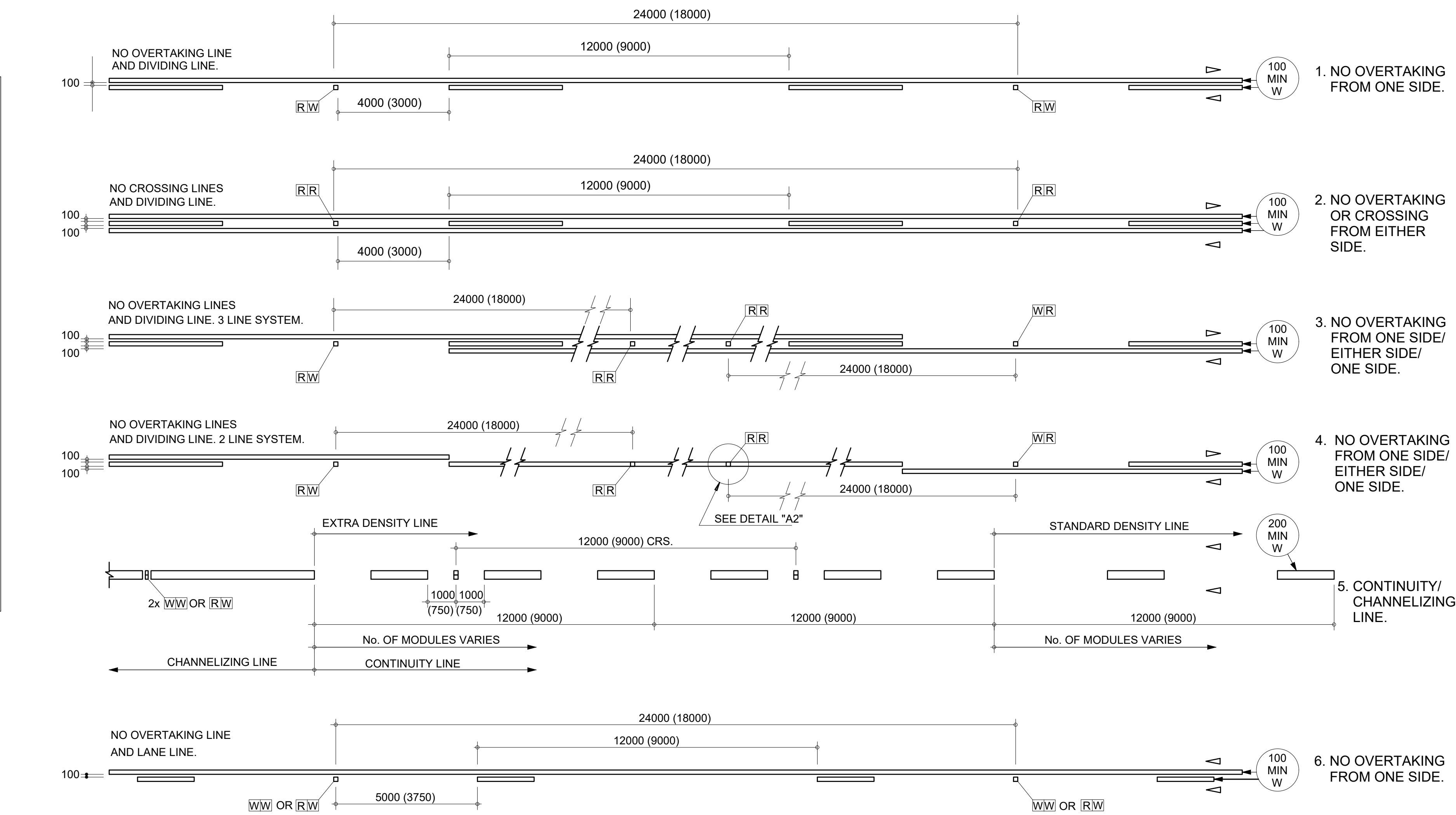
- DIRECTION OF TRAFFIC MOVEMENT WITH RESPECT TO LINE MARKING INDICATED THUS > OR <.
- PAINTED ISLAND MARKINGS SHALL BE USED AS A STANDARD DIVIDING MARKING ON ALL 4-LANE 2-WAY ROADWAYS. (SEE URBAN LONGITUDINAL LINE TYPES)
- A NO OVERTAKING LINE MAY BE USED TO REPLACE A DIVIDING LINE MARKING ON MINOR ROADS OR TO MATCH PROVINCIAL ROAD MARKING POLICY ON AN INTERSECTING ROADWAY AS APPROPRIATE. A NO OVERTAKING LINE MAY BE USED IN COMBINATION WITH A LANE LINE. (NORMALLY ON A FREEWAY CARRIAGEWAY.)
- A LEFT EDGE LINE MARKING SHALL NOT EXTEND ACROSS THE POINT OF DEPARTURE FROM A THROUGH PORTION OF ROADWAY.
- A RIGHT EDGE LINE MARKING IS ONLY REQUIRED TO DEMARCAT AN UNKERBED MEDIAN (A MEDIAN GUARDRAIL OR CONCRETE SEPARATOR BARRIER DOES NOT CONSTITUTE A KERBED MEDIAN.)
- THE DIVIDING LINE MARKING REPLACES THE PREVIOUS "CENTRE LINE" MARKING AND SHALL ONLY BE USED BETWEEN LANES CARRYING OPPOSING TRAFFIC FLOWS WHERE OVERTAKING IS PERMITTED.
- A CONTINUITY LINE MAY BE SPECIFIED IN ONE OF THREE DENSITIES - 1. REDUCED 2. STANDARD OR 3. EXTRA. A CONTINUITY LINE MAY BE USED TO DEFINE THE LIMIT OF THE THROUGH PORTION OF A ROADWAY, EITHER AT A HIGH SPEED EXIT (OFF-RAMP OR SLIP ROAD), A DEDICATED EXIT LANE ON FREEWAY, OR AT-GRADE ROAD (RIGHT OR LEFT TURN.)
- A CHANNELIZING LINE MAY BE USED AS AN EXTENSION OF A CONTINUITY LINE FOR CERTAIN APPLICATIONS ON THE APPROACH TO AN AT-GRADE SLIP ROAD CORE AREA.
- A LANE LINE, CONTINUITY LINE OR CHANNELIZING LINE SHALL NOT BE USED BETWEEN OPPOSING TRAFFIC MOVEMENTS.
- THE WIDTHS OF LINES SHOWN ARE RECOMMENDATIONS ONLY. (SEE LONGITUDINAL LINE COMBINATIONS.)

LEGEND:

R = RED  
W = WHITE  
Y = YELLOW

DETAIL "A2"

SCALE: 1:25



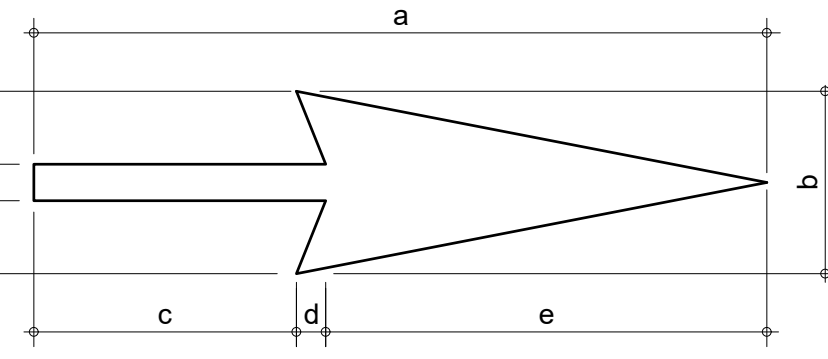
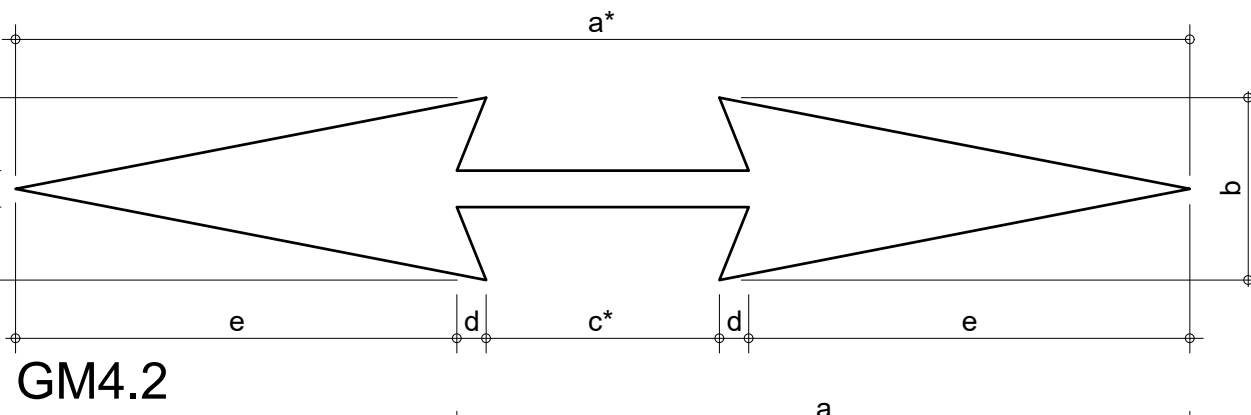
NOTES: (LONGITUDINAL LINE COMBINATIONS)

- DIRECTION OF TRAFFIC MOVEMENT WITH RESPECT TO THE MARKING INDICATED THUS > OR <.
- FOR FULL LONGITUDINAL DIMENSIONS OF COMPONENT MARKINGS SEE RURAL AND URBAN LONGITUDINAL LINE TYPES.
- COMBINATION MARKING 1 TO 4 ARE FOR TWO WAY TRAFFIC AND ARE APPLICABLE TO NATIONAL NON-FREEWAY ROUTES WHICH INTERSECT FREEWAYS.
- COMBINATION MARKING 5 SHALL BE USED TO INDICATE THE DIVISIONS BETWEEN THE THROUGH ROADWAY AND ANY EXCLUSIVE EXIT/TURN LANES. WHEREVER POSSIBLE A CONTINUITY LINE SHOULD LEAD TO, OR TERMINATE IN A CHANNELIZING LINE WHICH MAY BE SHORT. RECOMMENDED MINIMUM LENGTH IS 12m FOR RURAL AND 9m FOR URBAN APPLICATIONS.
- FOR MARKINGS 1 TO 4 ROADSTUDS SHOULD BE LOCATED ON CENTRE LINE OF THE DIVIDING LINE (OR SINGLE NO OVERTAKING LINE MARKING 4)
- WHERE POSSIBLE THE LENGTH OF CHANNELIZING MARKING SHOULD BE ADJUSTED SO THAT THE CONTINUITY LINE ROADSTUDS MATCH OTHER ROADSTUDS ON CROSS-SECTION AND FALL IN THE CENTRE OF A GAP IN THE CONTINUITY LINE.
- DIMENSIONS FOR URBAN APPLICATIONS ARE INDICATED IN BRACKETS.
- ROADSTUDS ON THE SINGLE NO OVERTAKING LINE IN MARKING 4 MAY BE COVERED DURING LINE MARKING OR PLACED AS INDICATED IN DETAIL "A2".

LONGITUDINAL LINE COMBINATIONS

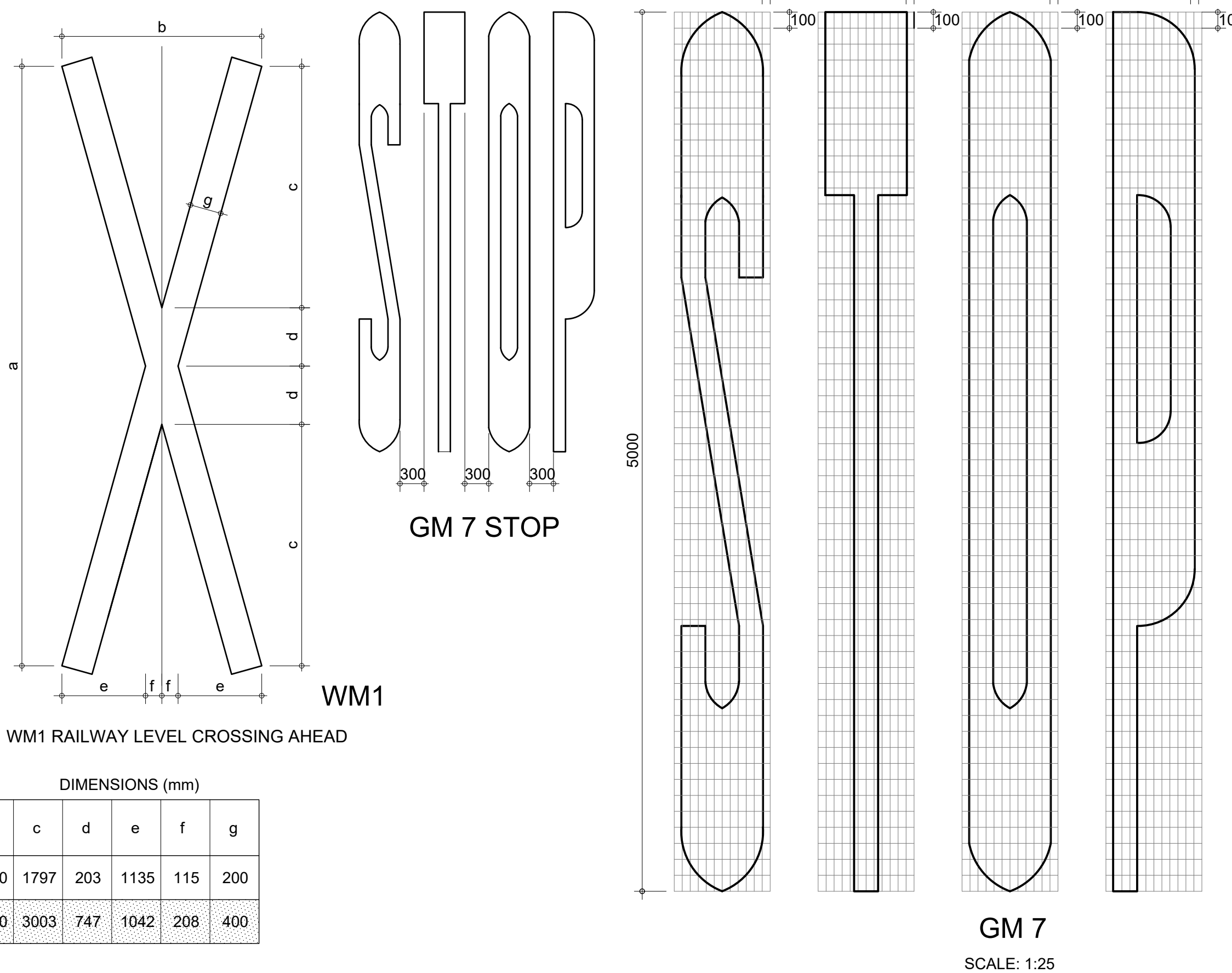
GM4.2 REVERSIBLE FLOW ARROW / GM4.1 INFORMATION ARROW

| Operating Speed<br>km/h | Typical Applications            | DIMENSIONS (mm) |      |      |      |      |     |      |     |     |  |  |
|-------------------------|---------------------------------|-----------------|------|------|------|------|-----|------|-----|-----|--|--|
|                         |                                 | a               | a*   | b    | c    | c*   | d   | e    | f   | g   |  |  |
| 30 - 40                 | City Centre                     | 1250            | 2000 | 1250 | 450  | 400  | 50  | 750  | 500 | 250 |  |  |
| 50 - 60                 | Urban                           | 2500            | 4000 | 1250 | 900  | 800  | 100 | 1500 | 500 | 250 |  |  |
| 70 - 90                 | Urban Arterial/Rural Expressway | 4000            | 6400 | 1250 | 1440 | 1280 | 160 | 2400 | 500 | 250 |  |  |
| 100 - 120               | Rural and Freeways              | 5000            | 8000 | 1250 | 1800 | 1600 | 200 | 3000 | 500 | 250 |  |  |



| Marking             | Area m <sup>2</sup> |      |      |      |
|---------------------|---------------------|------|------|------|
|                     | a                   | Area | a*   | Area |
| WM1                 | 4000                | 1.84 |      |      |
|                     | 7500                | 6.00 |      |      |
| GM4.1/<br>GM4.2(a*) | 1250                | 0.59 | 2000 | 1.05 |
|                     | 2500                | 1.17 | 4000 | 2.10 |
|                     | 4000                | 1.88 | 6400 | 3.36 |
|                     | 5000                | 2.35 | 8000 | 4.20 |
| WM5                 | 450                 | 0.20 |      |      |
|                     | 850                 | 0.83 |      |      |
| GM7                 | 1350                | 2.15 |      |      |
|                     | 5500                | 6.90 |      |      |

NOTES:  
1. THIS DRAWING DETAILS A RANGE OF GENERAL WARNING OR GUIDANCE SYMBOLS. APPLICATION SHALL BE IN ACCORDANCE WITH THE SOUTH AFRICAN ROAD TRAFFIC SIGNS MANUAL.  
2. MARKING WM5 - YIELD CONTROL AHEAD MAY BE REPEATED 1m FROM THE YIELD LINE MARKING.



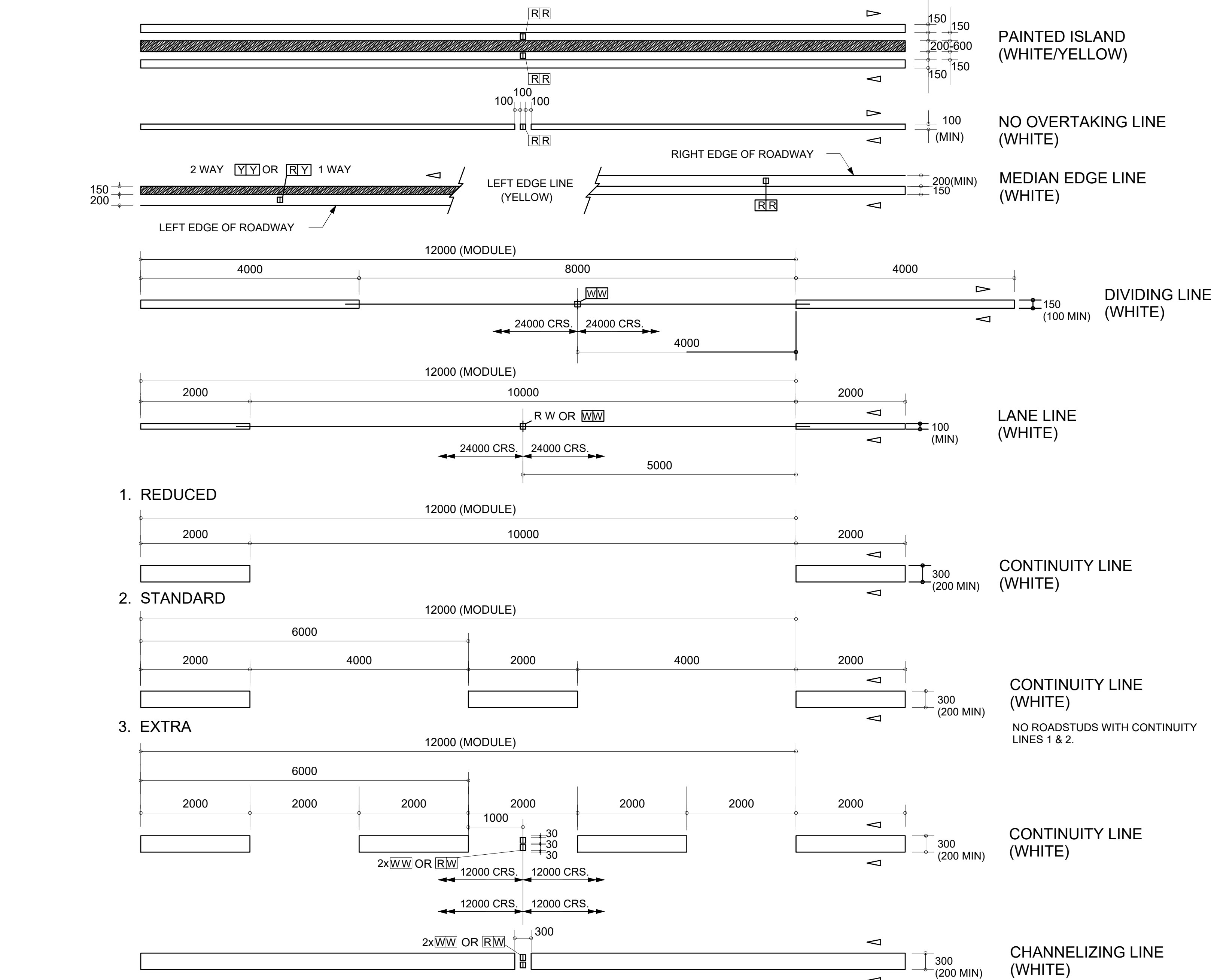
NOTES: (URBAN LONGITUDINAL LINE TYPES)

- DIRECTION OF TRAFFIC MOVEMENT WITH RESPECT TO LINE MARKING INDICATED THUS > OR <.
- A NO CROSSING LINE MAY BE USED AS A FORM OF DIVIDING LINE MARKING, IN PLACE OF A NO OVERTAKING LINE, TO PROHIBIT ACCESS TO OR FROM PROPERTIES AT THE SIDE OF AN URBAN ROAD. A PAINTED ISLAND MAY BE USED AS AN ALTERNATIVE MARKING FOR THIS PURPOSE.
- A NO OVERTAKING LINE MAY BE USED TO REPLACE A DIVIDING LINE MARKING TO PROHIBIT OVERTAKING IN THE PATH OF ON-COMING TRAFFIC. A NO OVERTAKING LINE MAY BE USED IN COMBINATION WITH A LANE LINE.
- LEFT EDGE LINE MARKING SHALL NOT BE EXTENDED ACROSS THE POINT OF DEPARTURE FROM A THROUGH PORTION OF ROADWAY.
- A RIGHT EDGE LINE MARKING IS ONLY REQUIRED TO DEMARCAT AN UNKERBED MEDIAN (A MEDIAN GUARDRAIL OR CONCRETE SEPARATOR BARRIER DOES NOT CONSTITUTE A KERBED MEDIAN.)
- THE DIVIDING LINE MARKING REPLACES THE PREVIOUS "CENTRE LINE" MARKING AND SHALL ONLY BE USED BETWEEN LANES CARRYING OPPOSING TRAFFIC FLOWS WHEN OVERTAKING IS PERMITTED.
- A CONTINUITY LINE MAY BE SPECIFIED IN ONE OR THREE DENSITIES 1. REDUCED 2. STANDARD OR 3. EXTRA. THROUGH PORTION OF A ROADWAY EITHER AT A HIGH SPEED EXIT (OFF-RAMP OR SLIPROAD), A DEDICATED EXIT LANE ON A FREEWAY, OR AT-GRADE ROAD (RIGHT OR LEFT TURN.)
- A CHANNELIZING LINE MAY BE USED AS AN EXTENSION OF A CONTINUITY LINE OR INSTEAD OF A PAINTED ISLAND TO CHANNELIZE TRAFFIC MOVEMENT WHERE SPACE IS LIMITED.
- A LANE LINE, CONTINUITY LINE OR CHANNELIZING LINE SHALL NOT BE USED BETWEEN OPPOSING TRAFFIC MOVEMENTS.
- THE WIDTHS OF LINES SHOWN ARE RECOMMENDATIONS ONLY (SEE LONGITUDINAL LINE COMBINATIONS).

WM5 YIELD CONTROL AHEAD

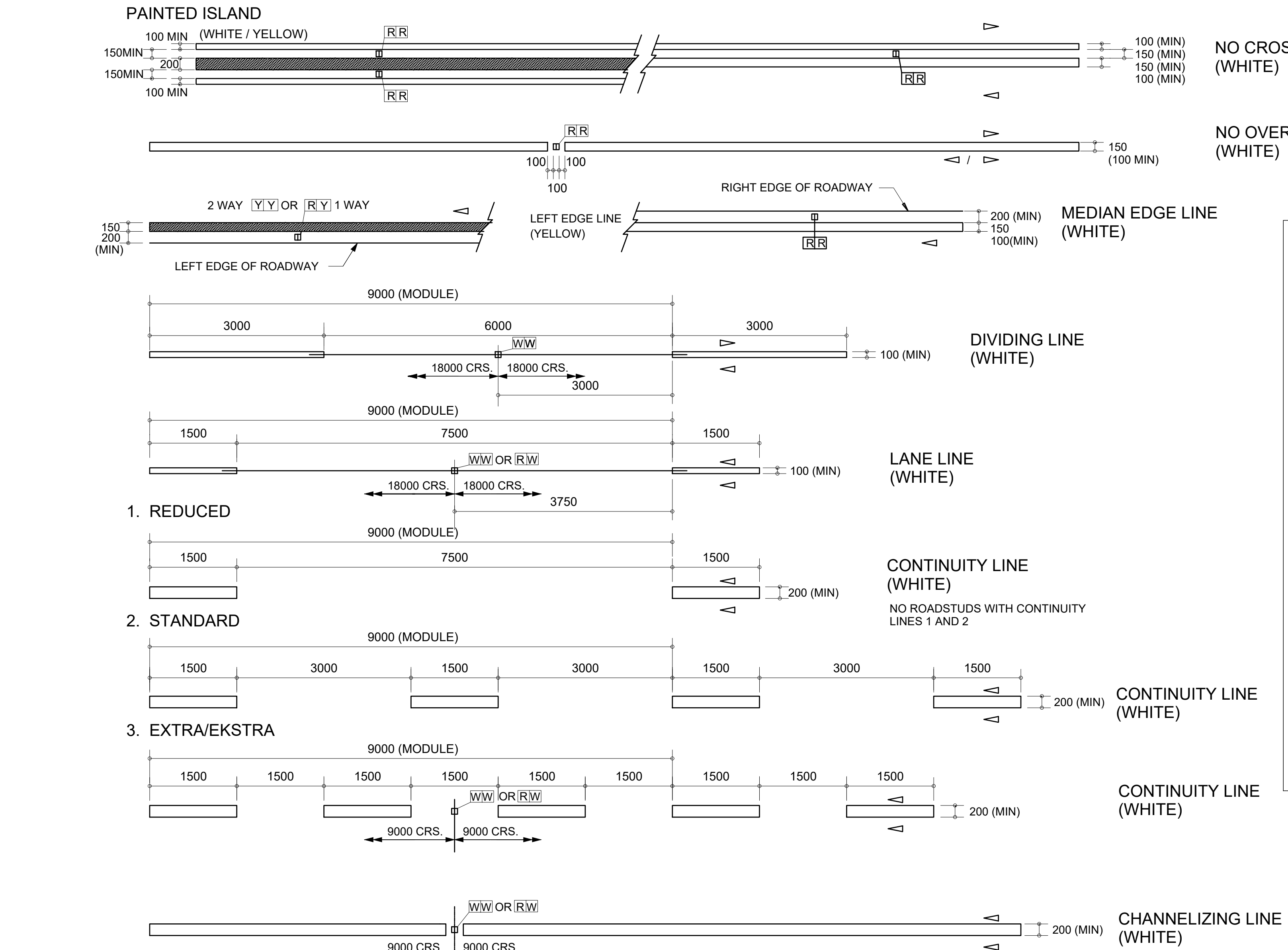
| Operating Speed km/h |  | Typical Applications |  | Distance from Yield line |  |  |  | DIMENSIONS (mm) |     |     |      |
|----------------------|--|----------------------|--|--------------------------|--|--|--|-----------------|-----|-----|------|
|                      |  |                      |  |                          |  |  |  | a               | b   | c   | d    |
| 30 - 40              |  | City Centre          |  | 90m                      |  |  |  | 450             | 250 | 100 | 1250 |
| 50 - 60              |  | Urban                |  | 120m                     |  |  |  | 850             | 450 | 150 | 2500 |
| 70 - 120             |  | Rural                |  | 155m                     |  |  |  | 1350            | 700 | 250 | 4000 |

REGULATORY/WARNING /GUIDANCE SYMBOLS

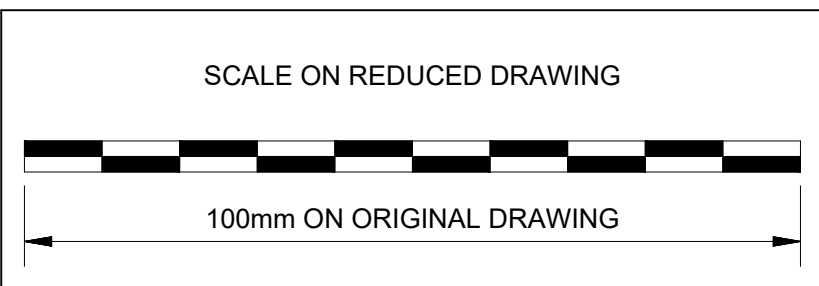


RURAL LONGITUDINAL LINE TYPES

SCALE 1:50

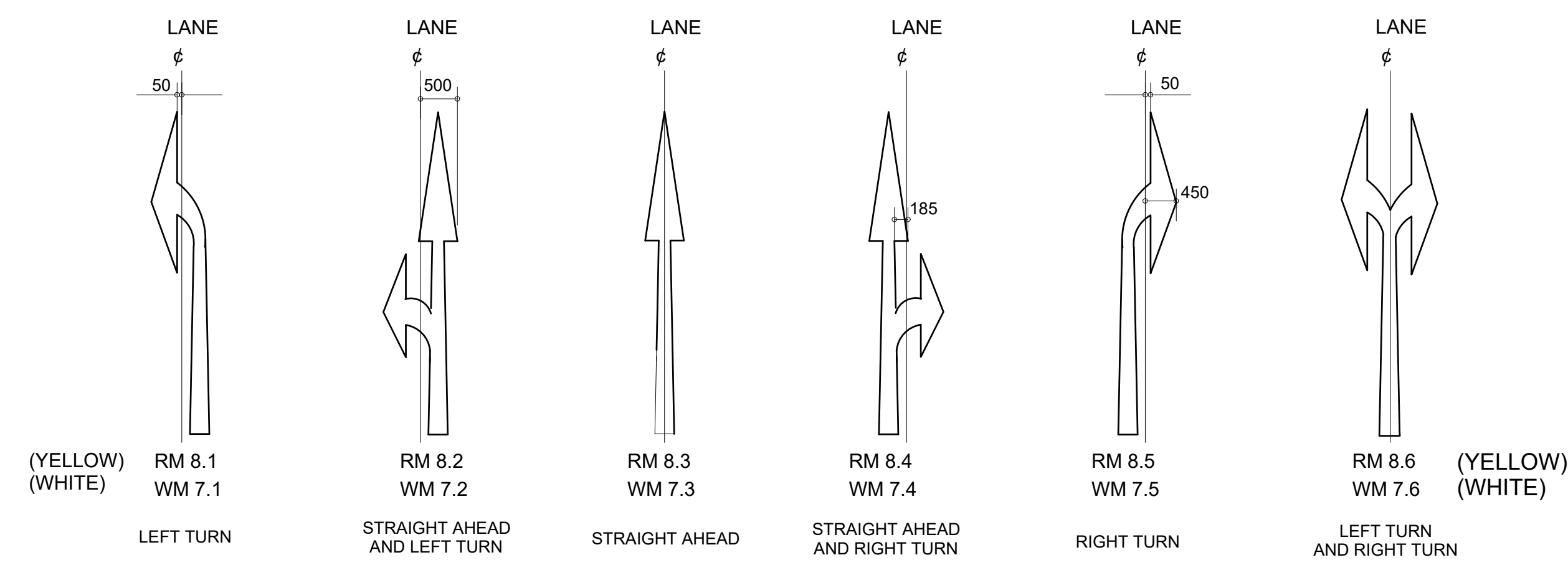


URBAN LONGITUDINAL LINE TYPES



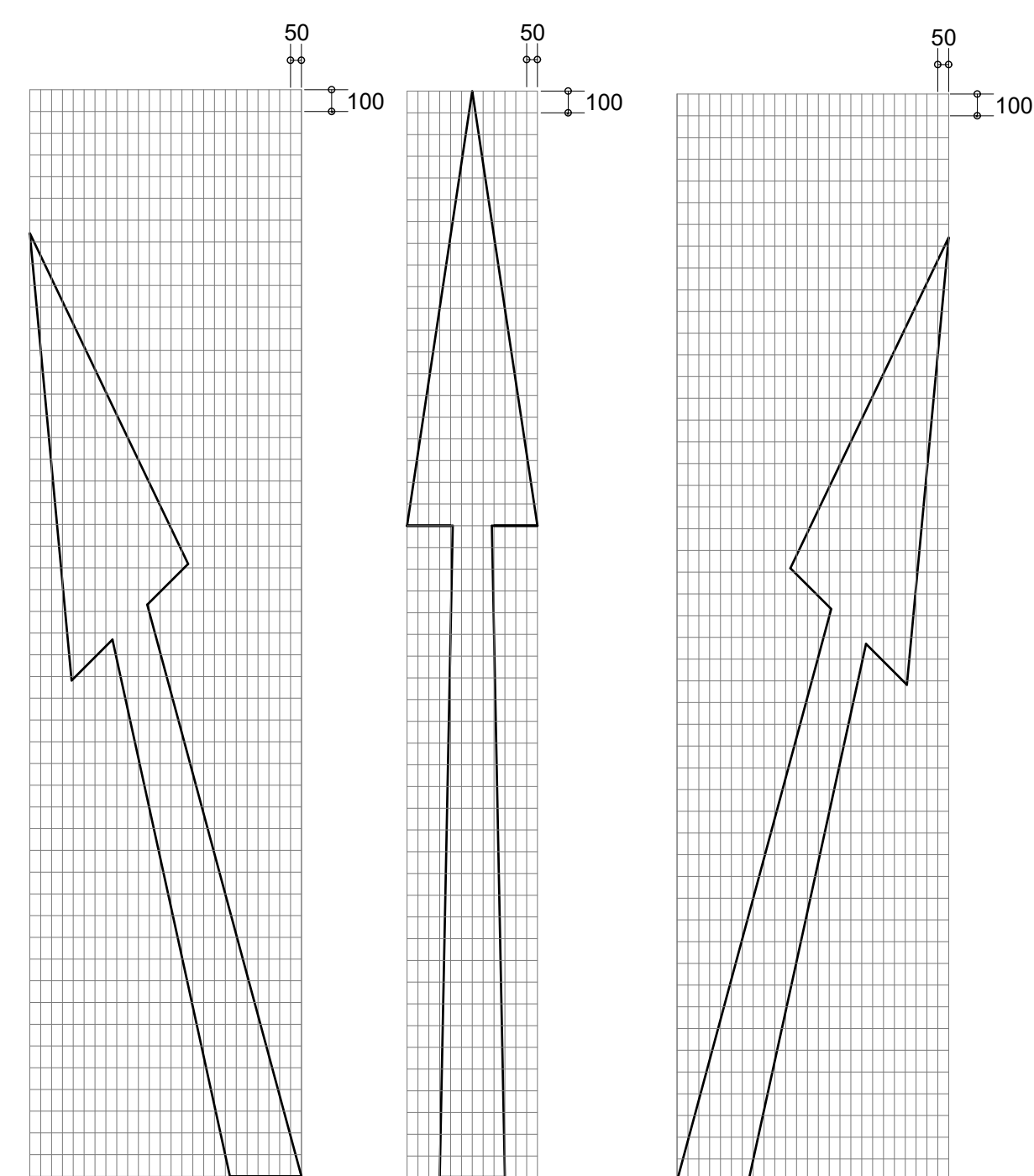
|  |  |  |  |             |  |                        |  |                         |                        |                 |               |   |                |          |                    |
|--|--|--|--|-------------|--|------------------------|--|-------------------------|------------------------|-----------------|---------------|---|----------------|----------|--------------------|
|  |  |  |  | DESIGNED BY |  | S. BOKE<br>DESIGNED    |  | CONSULTANT              | RECOMMENDED            | CLIENT ADDRESS: | CLIENT        | GREATER TUBATSE MUNICIPALITY                              | CONTRACT No. _ | SCALE    | TYPE OF PLANNING   |
|  |  |  |  |             |  | T. MUNDALAMO<br>DRAWN  |  |                         |                        |                 | PROJECT TITLE | MAGOTWANENG ACCESS ROAD INTERSECTION                      |                | AS SHOWN | DESIGN<br>DRAWINGS |
|  |  |  |  |             |  | S. NEMUKULA<br>CHECKED |  | for CONSULTING ENGINEER | for HEAD OF DEPARTMENT |                 | DRAWING TITLE | TYPICAL DETAIL : REGULARITY, WARNING AND GUIDANCE SYMBOLS |                | REVISION | PLAN No.           |
|  |  |  |  |             |  |                        |  | DATE:                   | DATE:                  |                 |               |   |                | 0        | MC04/22/SD/01      |



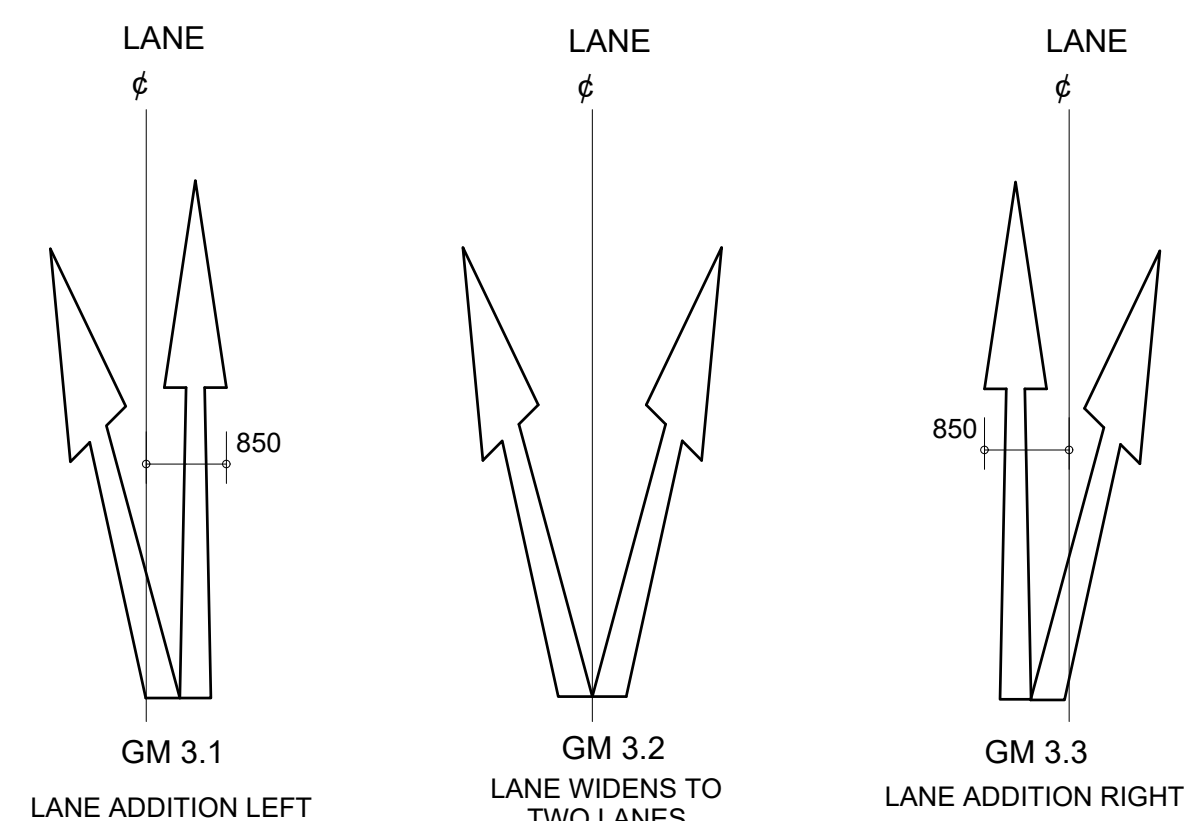


## APPLICATIONS

| DIMENSIONS (mm)      |                        |      |      |      |      |      |     |      |      |      |     |      |      |      |      |      |     |    |    |
|----------------------|------------------------|------|------|------|------|------|-----|------|------|------|-----|------|------|------|------|------|-----|----|----|
| Operating Speed km/h | Typical Applications   | a    | b    | c    | d    | e    | f   | g    | h    | i    | j   | k    | l    | m    | n    | o    | p   | q  | r  |
| 30 - 40              | City Centre            | 2500 | 600  | 350  | 450  | 884  | 200 | 417  | 1000 | 1700 | 250 | 550  | 1250 | 700  | 380  | 1450 | 58  | 30 | 29 |
| 50 - 90              | Urban/Rural Expressway | 4000 | 960  | 560  | 720  | 1406 | 320 | 666  | 1600 | 2720 | 400 | 880  | 2000 | 1120 | 608  | 2320 | 93  | 48 | 46 |
| 100 - 120            | Rural and Freeways     | 5000 | 1200 | 700  | 900  | 1767 | 400 | 833  | 2000 | 3400 | 500 | 1100 | 2500 | 1400 | 760  | 2900 | 116 | 60 | 58 |
| ALL                  | Special Applications   | 7500 | 1800 | 1050 | 1360 | 2651 | 600 | 1250 | 3000 | 5100 | 750 | 1650 | 3750 | 2100 | 1100 | 4350 | 174 | 90 | 87 |



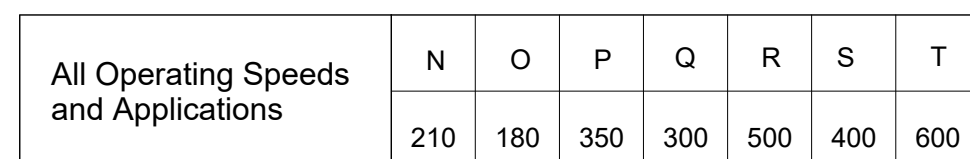
SCALE:1 : 25



## APPLICATIONS

| DIMENSIONS (mm)      |  |      |      |      |      |      |     |      |      |     |      |
|----------------------|--|------|------|------|------|------|-----|------|------|-----|------|
| Operating Speed km/h | Typical Applications                       | a    | b    | c    | d    | e    | f   | g    | h    | i   | j    |
| 30 - 40              | City Centre                                | 2500 | 1500 | 1000 | 2170 | 1141 | 268 | 761  | 1235 | 81  | 855  |
| 50 - 60              | Urban Roads                                | 4000 | 2400 | 1600 | 3472 | 1826 | 429 | 1218 | 1976 | 129 | 1367 |
| 70 - 90              | Urban Arterial Roads/<br>Rural Expressways | 5000 | 3000 | 2000 | 4340 | 2282 | 536 | 1522 | 2470 | 161 | 1709 |
| 100 - 120            | Rural Roads and Freeways                   | 7500 | 4500 | 3000 | 6510 | 3423 | 804 | 2263 | 3705 | 242 | 2564 |

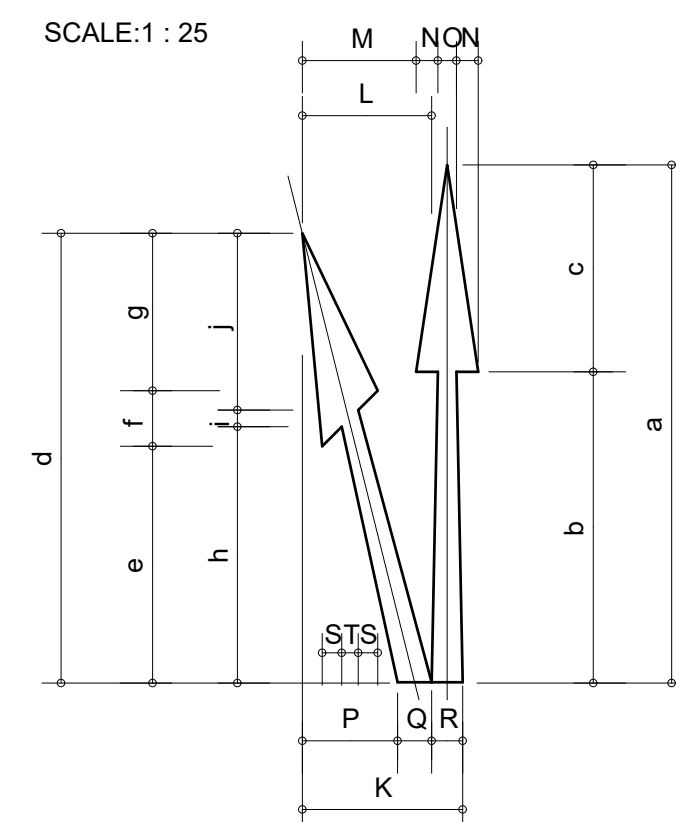
|  |      |      |      |     |     |     |     |     |     |     |
|--|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| All Operating Speeds<br>and Applications | K    | L    | M    | N   | O   | P   | Q   | R   | S   | T   |
|  | 1700 | 1250 | 1100 | 210 | 180 | 921 | 329 | 300 | 188 | 161 |



| ARROW AREA / (m <sup>2</sup> ) |                            |                            |                |                |
|--------------------------------|----------------------------|----------------------------|----------------|----------------|
| a                              | RM8.1/RM8.5<br>WM7.1/WM7.5 | RM8.2/RM8.4<br>WM7.2/WM7.4 | RM8.3<br>WM7.3 | RM8.6<br>WM7.6 |
| 2500                           | 0.67                       | 0.89                       | 0.66           | 1.03           |
| 4000                           | 1.14                       | 1.43                       | 1.06           | 1.68           |
| 5000                           | 1.45                       | 1.78                       | 1.32           | 2.12           |
| 7500                           | 2.23                       | 2.66                       | 1.98           | 3.20           |

NOTES: (MANDATORY DIRECTION ARROWS)

1. THESE ARROWS MAY BE USED IN LANES TO INDICATE THAT DRIVERS SHALL PROCEED ONLY IN THE DIRECTION OR DIRECTIONS SHOWN. THEY SHOULD ONLY BE USED IF THE JUNCTION CONCERNED REQUIRES TURNING MOVEMENT CONTROL BY LANE.
2. THE FINAL ARROW NEAREST THE POINT OF TURN OR STRAIGHT ON MOVEMENT SHALL BE YELLOW. ANY ARROWS MARKED IN ADVANCE OF THIS POINT TO WARN DRIVERS OF THE MANDATORY MOVEMENT AHEAD SHALL BE WHITE.
3. A MANDATORY OR WARNING DIRECTION ARROW SHALL NOT BE USED IN ADVANCE OF A WIDENING OF THE ROADWAY TO A GREATER NUMBER OF LANES. THIS SHALL BE INDICATED IF NECESSARY, BY USING CURBATION ARROWS.

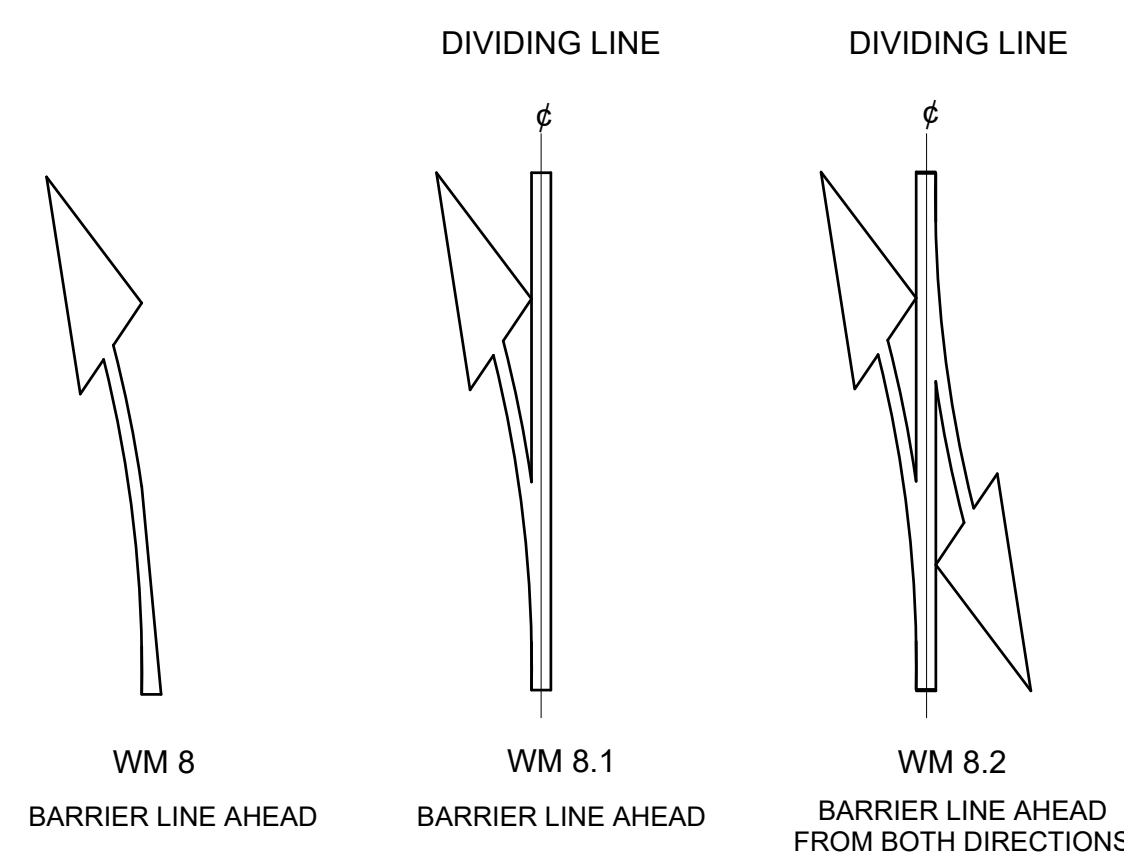


NOTES: (FURCATION ARROWS)

1. THESE ARROWS MAY BE USED TO INDICATE THAT THE NUMBER OF LANES IS INCREASING AHEAD. ONLY ONE SET OF ARROWS SHOULD BE USED UNLESS A LEFT AND RIGHT TURN LANE ARE ADDED TO A MULTI-LANE ROADWAY AT THE SAME POINT WHERE TWO SETS MAY BE USED.
2. DIRECTION ARROWS AHEAD SHALL NOT BE USED TO INDICATE THE ADDITION OF LANES AHEAD.
3. AS A GENERAL RULE BIFURCACTION ARROWS SHOULD BE LOCATED TWO TO THREE MARKING MODULES BEFORE THE START OF THE LANE GENERATING TAPER OR CURVE.

| ARROW AREA / (m <sup>2</sup> ) |             |       |       |
|--------------------------------|-------------|-------|-------|
| a                              | GM3.1/GM3.3 | GM3.2 | GM3.4 |
| 2500                           | 1.30        | 1.27  | 1.93  |
| 4000                           | 2.07        | 2.04  | 3.09  |
| 5000                           | 2.59        | 2.55  | 3.87  |
| 7500                           | 3.89        | 3.82  | 5.80  |

## MANDATORY DIRECTION ARROWS



## APPLICATIONS

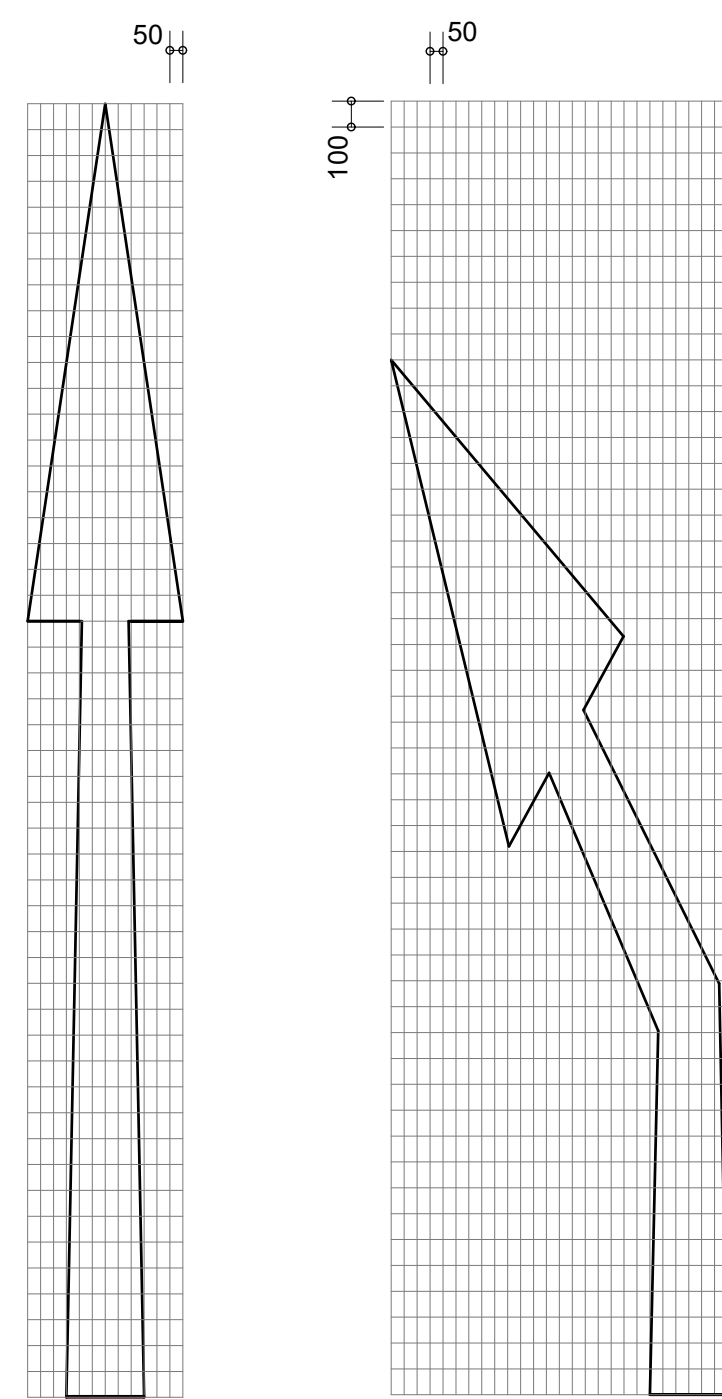
### SCALE 1 : 50

| DIMENSIONS (mm)      |      |      |     |      |      |     |     |      |      |      |
|----------------------|------|------|-----|------|------|-----|-----|------|------|------|
| Typical Applications | a    | b    | c   | d    | e    | f   | g   | h    | r    | r*   |
| Urban                | 3000 | 1941 | 83  | 976  | 1741 | 528 | 731 | 1206 | 5620 | 582  |
| Rural                | 4000 | 2588 | 111 | 1301 | 2321 | 704 | 975 | 1608 | 9900 | 1000 |

|                  |     |     |     |     |    |            |
|------------------|-----|-----|-----|-----|----|------------|
| All Applications | H   | I   | J   | K   | L  | M          |
|                  | 735 | 260 | 181 | 219 | 75 | 100 or 150 |

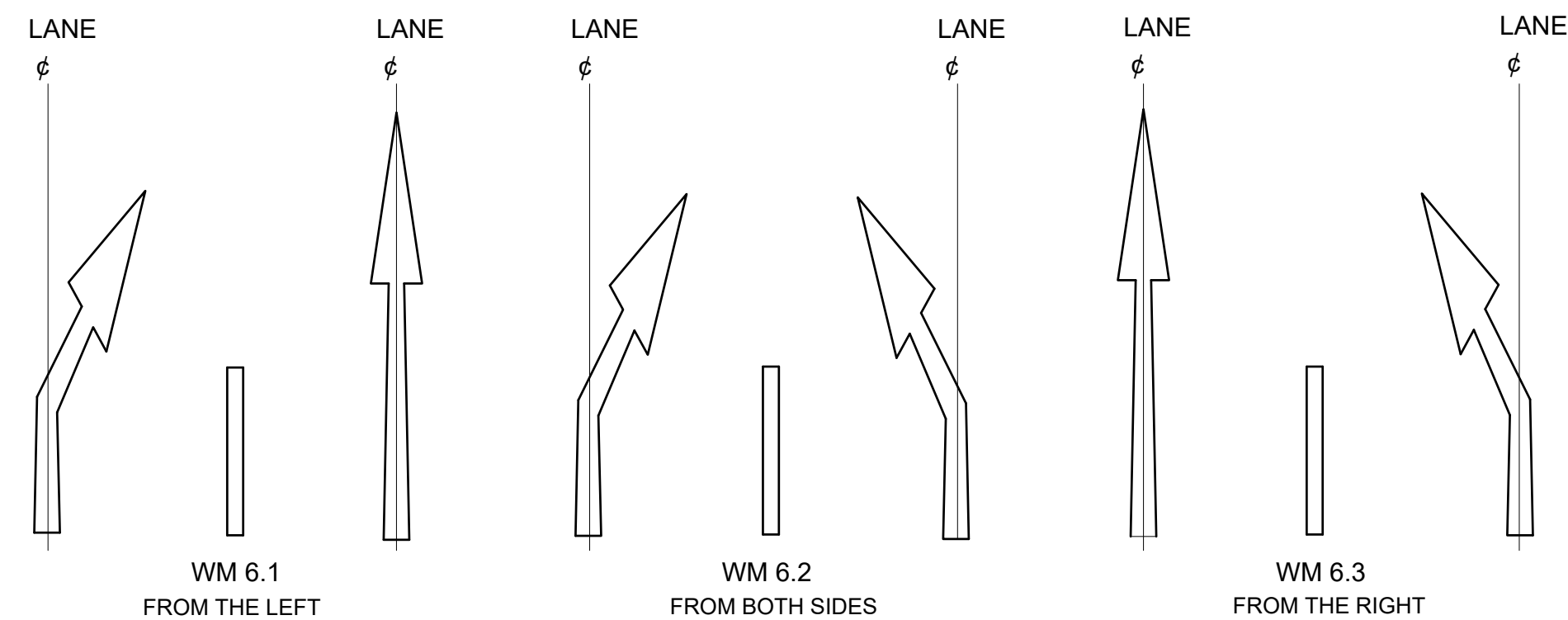
LEGEND:

R = RED  
W = WHITE  
Y = YELLOW



SCALE:1 : 25

## FURCATION ARROWS



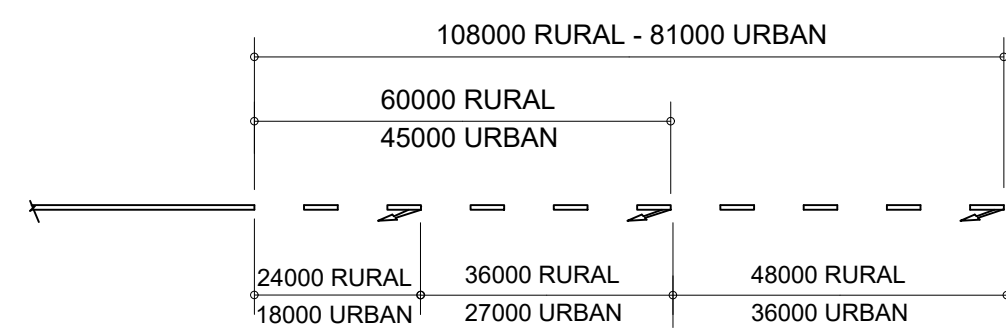
## APPLICATIONS

| DIMENSIONS (mm)      |  |       |      |      |      |      |      |     |      |      |      |      |
|----------------------|--|-------|------|------|------|------|------|-----|------|------|------|------|
| Operating Speed km/h | Typical Applications                       | a     | b    | c    | d    | e    | f    | g   | h    | i    | j    | k    |
| 30 - 40              | City Centre                                | 4000  | 2400 | 1600 | 3200 | 1271 | 847  | 227 | 855  | 1696 | 1277 | 1126 |
| 50 - 60              | Urban Roads                                | 5000  | 3000 | 2000 | 4000 | 1589 | 1058 | 284 | 1089 | 2120 | 1596 | 1407 |
| 70 - 90              | Urban Arterial Roads/<br>Rural Expressways | 7500  | 4500 | 3000 | 6000 | 2384 | 1587 | 426 | 1603 | 2818 | 2394 | 2111 |
| 100 - 120            | Rural Roads and<br>Expressways             | 12000 | 7200 | 4800 | 9600 | 3814 | 2539 | 681 | 2568 | 5089 | 3830 | 3377 |

|  |     |     |     |      |     |     |     |     |    |     |
|--|-----|-----|-----|------|-----|-----|-----|-----|----|-----|
| All Operating Speeds<br>and Applications | M   | N   | O   | P    | Q   | R   | S   | T   | U  | V   |
|  | 300 | 210 | 180 | 1300 | 898 | 402 | 155 | 370 | 32 | 390 |

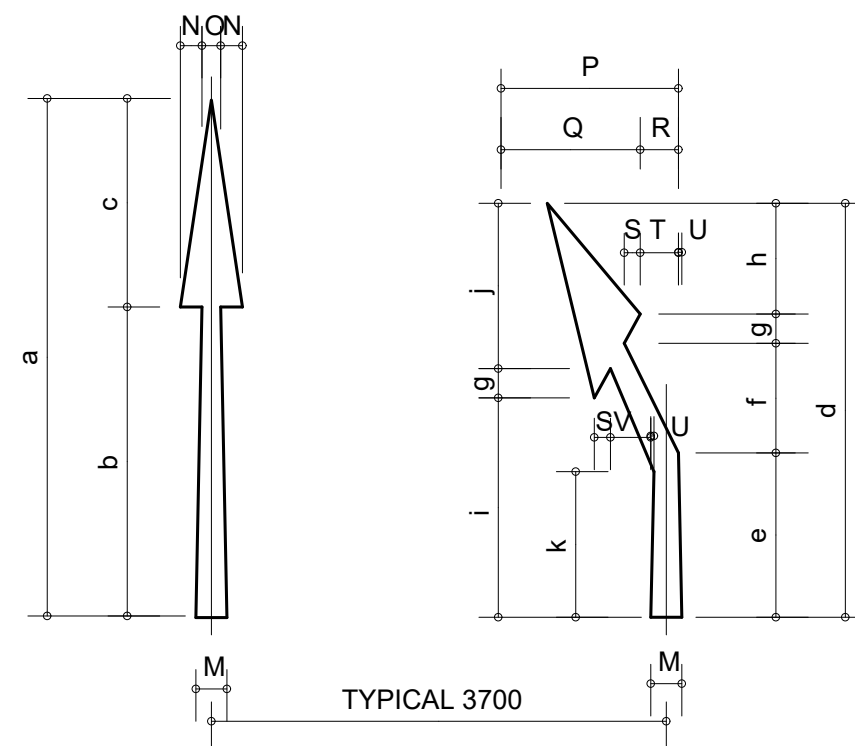
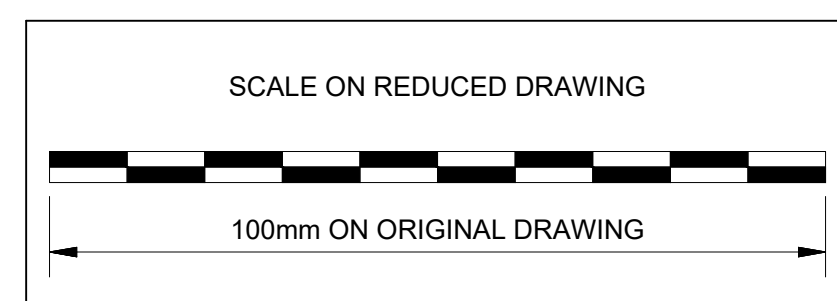
NOTES: (BARRIER LINE AHEAD ARROWS)

1. THESE ARROWS SHOULD BE USED IN MULTIPLES OF THREE (AT LEAST) IN ADVANCE OF THE START OF A SECTION OF NO OVERTAKING LINE, NO CROSSING LINE OR PAINTED ISLAND WHEN SUCH BARRIER LINES REPLACE A DIVIDING LINE.
2. THE ARROWS MAY BE MARKED ON TOP OF EXISTING DIVIDING LINE MARKINGS (IF THE EXISTING LINE IS A CENTRE LINE TO A 12m OR 7.2m MODULE THE POINT OF THE ARROW SHOULD BE LINED UP WITH THE FORWARD END OF THE LINE).
3. WHEN OVERTAKING SECTIONS ARE REGULARLY INTERSPERSE WITH NO OVERTAKING SECTIONS AND ARE SHORT IN LENGTH MARKING WM 8.2 MAY BE USED AT THE CENTRE OF THE OVERTAKING SECTION.



MARKING SPACING

| ARROW AREA / (m <sup>2</sup> ) |           |
|--------------------------------|-----------|
| a                              | Per Arrow |
| 3000                           | 0.62      |
| 4000                           | 0.82      |



NOTES: (LANE REDUCTION ARROWS)

1. IT IS RECOMMENDED THAT THREE SETS OF ARROWS BE USED ON HIGH SPEED ROADS, SPACED AT FOUR MODULE INTERVALS BEFORE THE END OF THE LANE LINE. SINGLE ARROWS SETS MAY BE USED ON LOWER SPEED ROADS.
2. THE BENT ARROWS MAY BE USED IN ADDITION TO THE THREE-ARROW SETS ALONG THE LENGTH OF THE LANE REDUCTION TAPER.

| ARROW AREA / (m <sup>2</sup> ) |             |       |
|--------------------------------|-------------|-------|
| a                              | WM6.1/WM6.3 | WM6.2 |
| 4000                           | 2.08        | 2.06  |
| 5000                           | 2.61        | 2.58  |
| 7500                           | 3.92        | 3.88  |
| 12000                          | 6.56        | 6.20  |

## LANE REDUCTION ARROWS

|     |      |           |   |                      |                       |                         |   |               |  |                |          |                           |
|-----|------|-----------|---|----------------------|-----------------------|-------------------------|---|---------------|--|----------------|----------|---------------------------|
|     |      |           | DESIGNED BY   | S. BOKE<br>DESIGNED  | CONSULTANT            | RECOMMENDED             | CLIENT ADDRESS:   | CLIENT        | GREATER TUBATSE MUNICIPALITY   | CONTRACT No. _ | SCALE    | TYPE OF PLANNING          |
|     |      |           |  | T.MUNDALAMO<br>DRAWN |                       |                         | <br><small>Greater Tubatse Municipality<br/>P.O Box 206<br/>Burgersfort<br/>1156</small><br><br><small>Tel: (013) 231 1005<br/>Fax: (013) 231 7467</small> | PROJECT TITLE | MAGOTWANENG ACCESS ROAD INTERSECTION                                   |                | AS SHOWN | DESIGN<br>DRAWINGS        |
| No. | DATE | REVISIONS | BY  | CHECKED              | S.NEMUKULA<br>CHECKED | for CONSULTING ENGINEER | for HEAD OF DEPARTMENT  | DRAWING TITLE | TYPICAL DETAIL : MANDATORY DIRECTION ARROWS AND DIRECTION ARROWS AHEAD |                | REVISION | PLAN No.<br>MC04/22/SD/02 |
|     |      |           |   |                      |                       | DATE: .....             | DATE: .....   |               |  |                | (0)      |                           |





- NOTES:**
1. POSTS: 2130X100 DIA X5 MILD STEEL TUBING WITH STEEL CAP AND 230X203X30 BASE PLATE FULLY GALVANISED (S.A.B.S. 763) (WITHOUT HOLES FOR WIRES).
2. STAYS: 710X500 DIA X5 MILD STEEL TUBING WITH 230X203X30 BASE PLATE FULLY GALVANISED (S.A.B.S. 763).
3. POST BRACES: 50 X13 X MILD STEEL TUBING FULLY GALVANISED (S.A.B.S. 763).
4. GATE: 42 DIA X2 MILD STEEL TUBING FRAME WITH 214 X2 DIA X2 STEEL BRACING FULLY GALVANISED (S.A.B.S. 763) AFTER FABRI-  
CATION.
5. SMOOTH WIRE: 32# DIA HIGH TENSILE GRADE FULLY GALVANISED (S.A.B.S. 675)
6. DIAMOND MESH: 64X2.5 DIA FULLY GALVANISED (C.C. 229).
7. TYING WIRE: 2.5 DIA MILD STEEL FULLY GALVANISED (S.A.B.S. 675) FOR TYING  
MESH TO GATE.
8. CHAINS: 3 LINKS OF 6.3 DIA E.L.L. MPAIN WITH A 6.3 DIA X 50 DIA I.D.  
RING AT ONE END ONLY
9. CONCRETE: MINIMUM STRENGTH 20 MPa AT 28 DAYS.

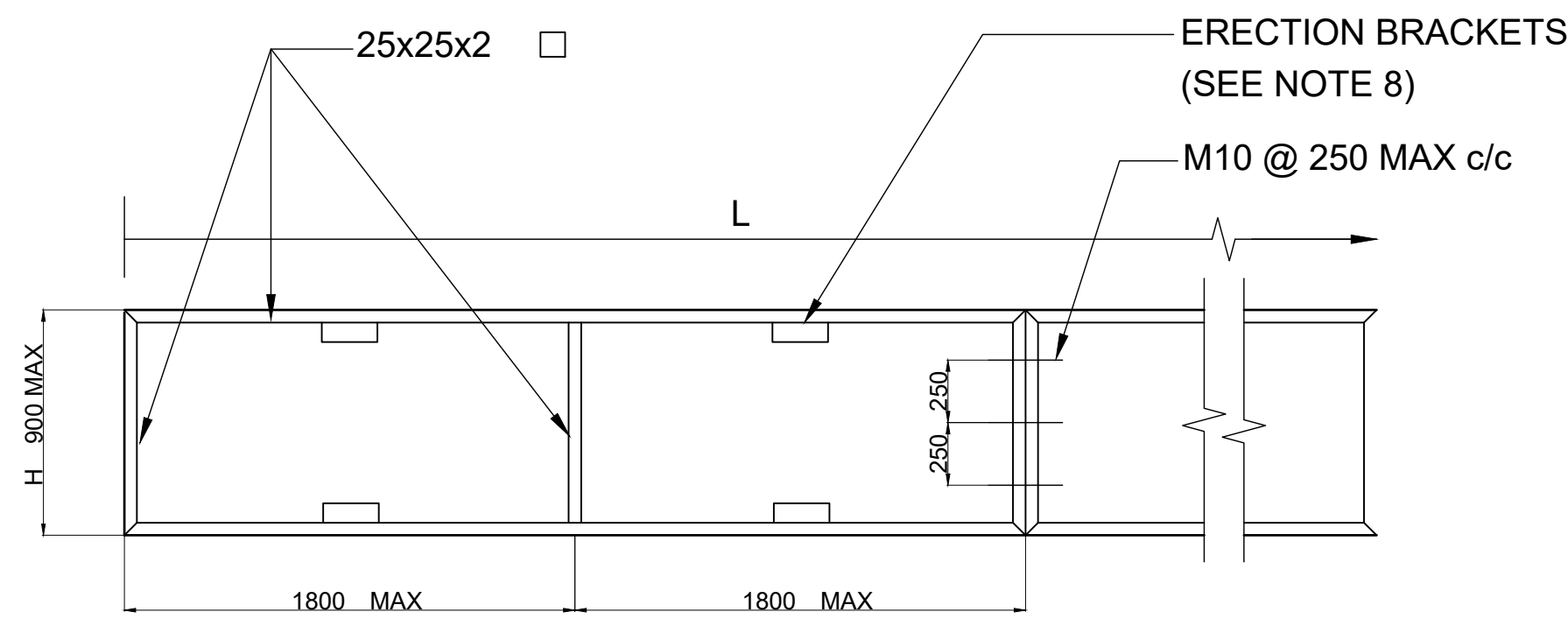
C.K.S  
82



PLAN  
FENCING AT LARGE CULVERTS  
& CATTLE UNDERPASS  
PROJECT MANAGER WILL DEFINE WHICH  
CULVERTS ARE REGARDED AS LARGE

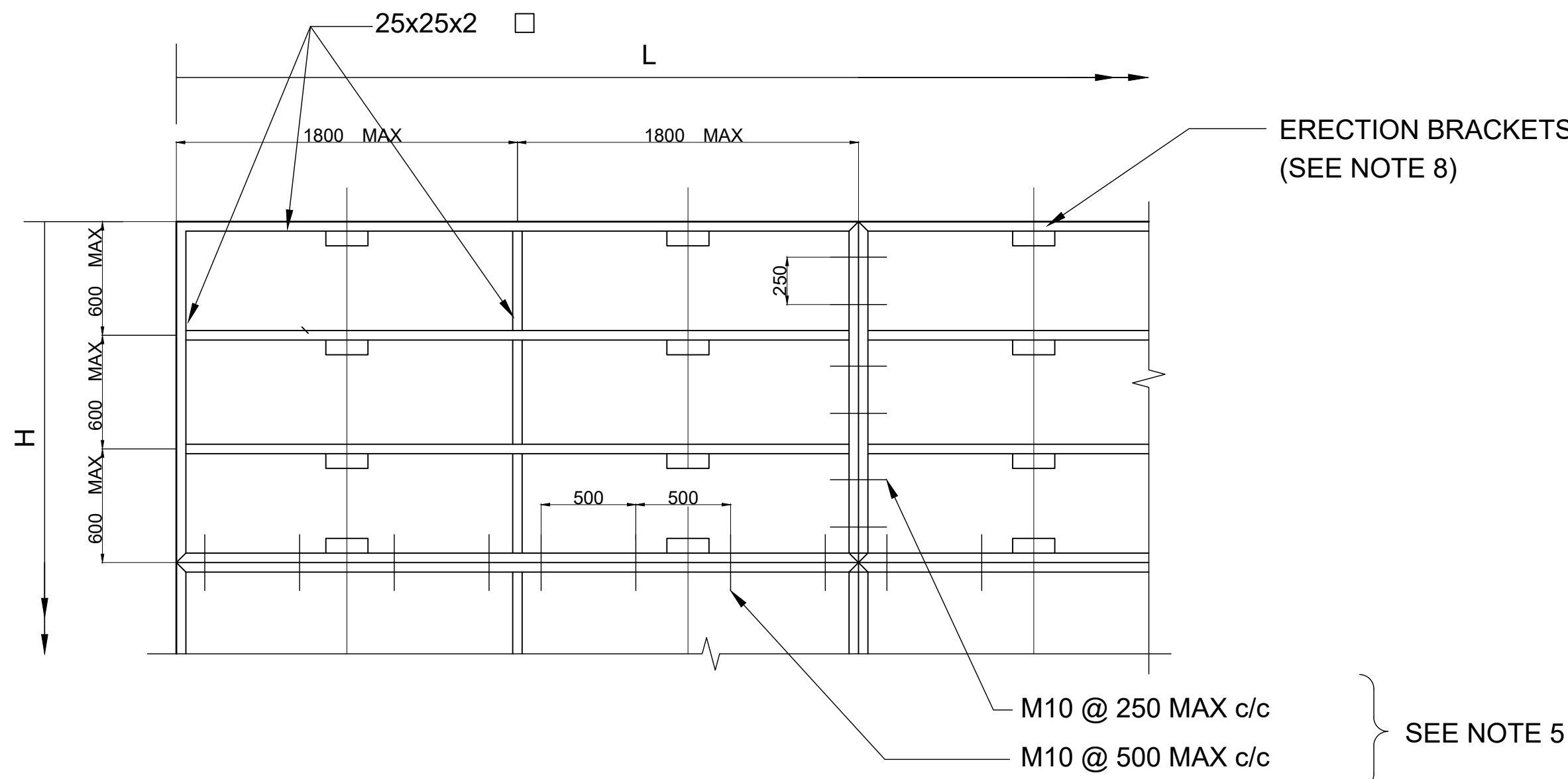
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**TYPE A FRAMEWORK PANELS**  
(FOR SIGN BOARDS WHERE H < 900mm)

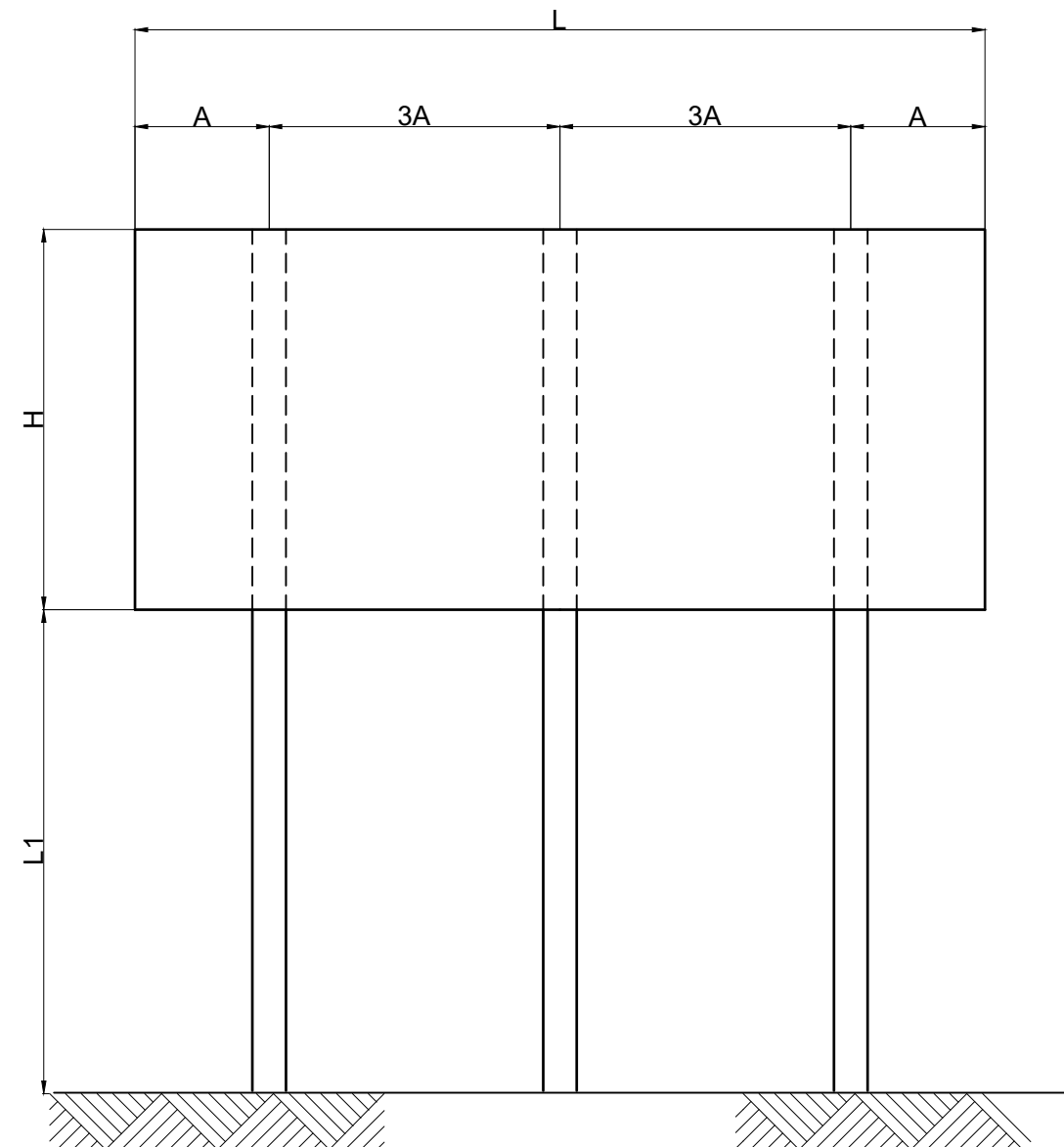
NOT TO SCALE



**TYPE B FRAMEWORK PANELS**  
(FOR SIGN BOARDS WHERE H > 900mm)

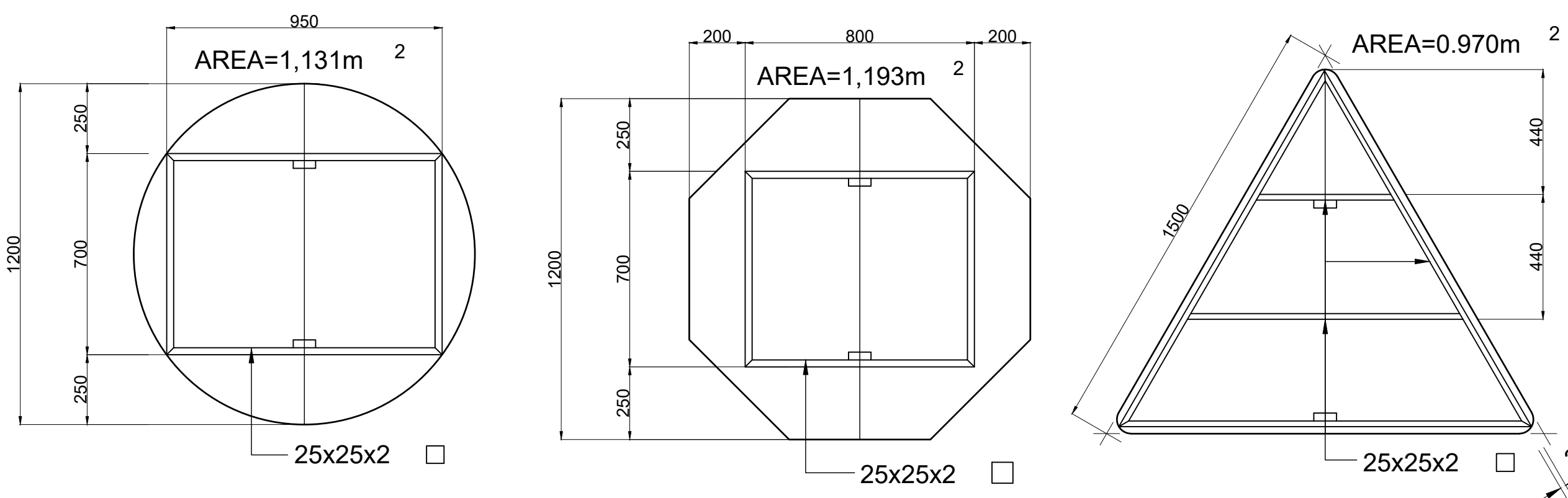
NOT TO SCALE

| TABLE 1                          |                    |           |      |       |
|----------------------------------|--------------------|-----------|------|-------|
| POSITIONING OF ERECTION BRACKETS |                    |           |      |       |
| L                                | NUMBER OF SUPPORTS | H         | A    | A MAX |
| 600 - 1500                       | 1                  | R/W SIGNS | -    | -     |
| 0 - 1500                         | 1                  | < 900     | L/2  | L/2   |
|                                  |                    | > 900     | L/2  | L/2   |
| 1500 - 3600                      | 2                  | < 900     | L/5  | < 800 |
|                                  |                    | > 900     | L/5  | < 700 |
| 3600 - 5400                      | 3                  | < 900     | L/8  | < 800 |
|                                  |                    | > 900     | L/8  | < 700 |
| 5400 - 7200                      | 4                  | < 900     | L/11 | < 800 |
|                                  |                    | > 900     | L/11 | < 700 |



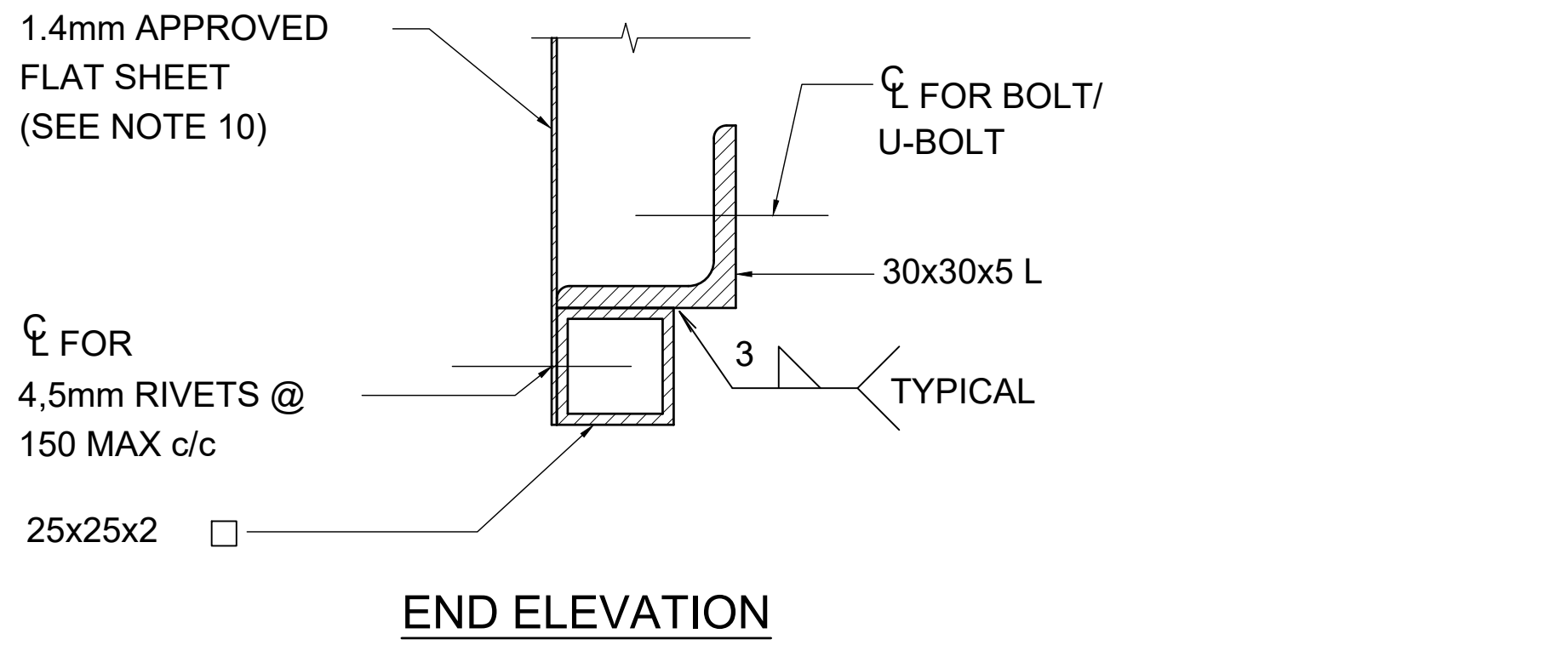
**POSITIONING OF SUPPORTS AND ERECTION BRACKETS**

NOT TO SCALE



**REINFORCEMENT FOR STANDARD ROAD SIGNS**

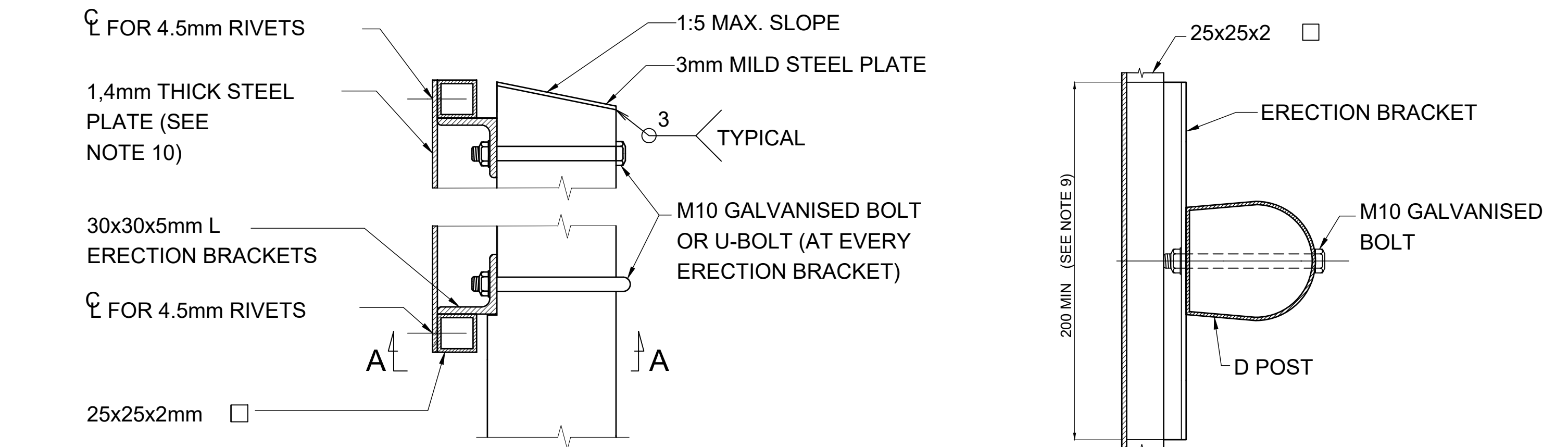
SCALE 1:25



**TYPICAL ERECTION BRACKETS**

SCALE 1:5

**TYPICAL WELDING DETAIL**



SCALE 1:5

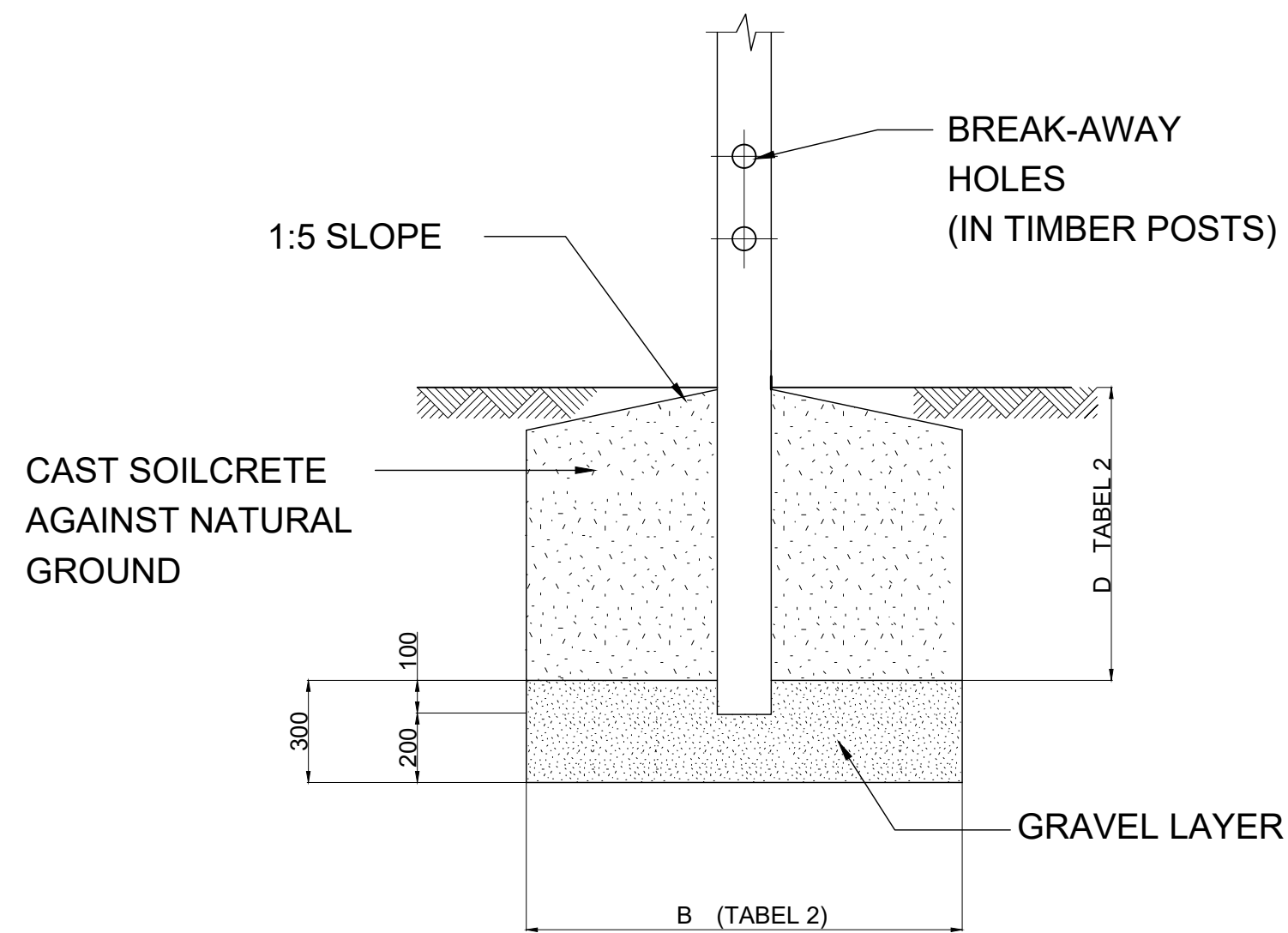
SECTION A-A  
(THROUGH D-SECTION STEEL POSTS)

**ATTACHMENT DETAIL FOR SIGN BOARDS**

- NOTES:**
- DESIGN PARAMETERS  
WIND - 1:10 YR RETURN PERIOD (V=36m/s)  
SIGN HEIGHT : 5m (PRESSURE = 1.1kPa)  
PERMISSIBLE STEEL STRESS = 165 MPa
  - FRAMEWORK : 25x25x2mm COMMERCIAL GRADE MILD STEEL
  - HORIZONTAL MEMBERS OF FRAMEWORK TO BE CONTINUOUS
  - LARGE SIGN BOARDS TO BE MADE IN SECTIONS NOT EXCEEDING 3600 IN LENGTH AND 900 HIGH (TYPE A PANELS) OR 3600 IN LENGTH AND 1800 HIGH (TYPE B PANELS)
  - SECTIONS SHALL BE JOINED WITH GALVANISED M10 BOLTS AND NUTS AT THE POSITIONS SHOWN
  - ALL FRAMEWORK WELDS TO BE WELDED ALL ROUND. WELDS ON SIGN FACE SIDE TO BE GROUND TO PROVIDE SMOOTH SURFACE IN SAME PLANE AS FRAMEWORK
  - FRAMEWORK TO BE PAINTED OR GALVANIZED AS PER PROJECT SPECIFICATIONS
  - ERECTION BRACKETS SHALL BE WELDED TO ALL HORIZONTAL FRAMEWORK TUBES AT THE POSITION OF EACH SUPPORT, SUCH THAT THEY ARE VERTICALLY TRUE TO LINE
  - MINIMUM LENGTH FOR ERECTION BRACKETS ON R/W SIGNS: 100mm
  - SIGN SUBSTRATE SHALL BE GALVANISED MILD STEEL, FACTORY PREPAINTED WITH AN APPROVED SILICONE POLYESTER PAINT SYSTEM.

**SIDE ELEVATION OF ROAD SIGN**

NOT TO SCALE



**FOUNDATION DETAIL**

NOT TO SCALE

| TABLE 2                                  |           |                       |                     |                        |                          |                                |                     |                        |                    |                     |                        |
|--|-----------|-----------------------|---------------------|------------------------|--------------------------|--------------------------------|---------------------|------------------------|--------------------|---------------------|------------------------|
| FOUNDATION AND SUPPORT SIZES             |           |                       |                     |                        |                          |                                |                     |                        |                    |                     |                        |
| SIGN HEIGHT<br>H (mm)                    | L1(mm)    | FREESTANDING SUPPORTS |                     |                        |                          | BRACED SUPPORTS                |                     |                        |                    |                     |                        |
|  |           | FOUNDATION            |                     | POSTS                  |                          | POSTS                          |                     |                        | STAYS              |                     |                        |
|  |           | BASE SIZE<br>B(mm)    | BASE DEPTH<br>D(mm) | TIMBER POLE<br>DIA(mm) | D-SECTION<br>DIA x t(mm) | BASE SIZE<br>B(mm)             | BASE DEPTH<br>D(mm) | TIMBER POLE<br>DIA(mm) | BASE SIZE<br>B(mm) | BASE DEPTH<br>D(mm) | TIMBER POLE<br>DIA(mm) |
| 400-900                                  | ≤ 2900    | 950                   | 700                 | 120                    | 76 x 2                   | 500                            | 450                 | 80                     | 500                | 450                 | 80                     |
|  | 2900-3400 | 1000                  | 700                 | 120                    | 76 x 2                   | 500                            | 450                 | 80                     | 500                | 450                 | 80                     |
|  | 3400-5600 | 1150                  | 800                 | 120                    | 76 x 2                   | 550                            | 450                 | 80                     | 550                | 450                 | 100                    |
| 900-1200                                 | ≤ 2900    | 1000                  | 800                 | 120                    | 76 x 2                   | 550                            | 500                 | 80                     | 550                | 500                 | 80                     |
|  | 2900-3400 | 1050                  | 800                 | 120                    | 76 x 2                   | 550                            | 500                 | 80                     | 550                | 500                 | 80                     |
|  | 3400-5600 | 1300                  | 800                 | 140                    | 76 x 2                   | 600                            | 500                 | 80                     | 600                | 500                 | 100                    |
| 1200-1800                                | ≤ 2900    | 1200                  | 800                 | 140                    | 76 x 2                   | 700                            | 500                 | 80                     | 700                | 500                 | 80                     |
|  | 2900-3400 | 1300                  | 800                 | 140                    | 100 x 4                  | 700                            | 500                 | 80                     | 700                | 500                 | 80                     |
|  | 3400-5600 | 1450                  | 900                 | 160                    | 100 x 4                  | 700                            | 600                 | 80                     | 700                | 600                 | 120                    |
| 1800-2400                                | ≤ 2900    | 1350                  | 900                 | 160                    | 100 x 4                  | 750                            | 600                 | 80                     | 750                | 600                 | 80                     |
|  | 2900-3400 | 1400                  | 900                 | 160                    | 100 x 4                  | 750                            | 600                 | 80                     | 750                | 600                 | 80                     |
|  | 3400-5600 | 1550                  | 1000                | 180                    | 100 x 4                  | 750                            | 600                 | 80                     | 750                | 600                 | 120                    |
| 2400-3000                                | ≤ 2900    | 1450                  | 1000                | 180                    | 100 x 4                  | 850                            | 600                 | 100                    | 850                | 600                 | 80                     |
|  | 2900-3400 | 1500                  | 1000                | 180                    | 100 x 4                  | 750                            | 700                 | 100                    | 750                | 700                 | 80                     |
|  | 3400-5600 | 1750                  | 1000                | 200                    | 100 x 4                  | 800                            | 700                 | 100                    | 800                | 700                 | 120                    |
| 3000-3600                                | ≤ 2900    | 1600                  | 1000                | 180                    | 100 x 4                  | 850                            | 700                 | 100                    | 850                | 700                 | 80                     |
|  | 2900-3400 | 1650                  | 1000                | 200                    | 100 x 4                  | 850                            | 700                 | 100                    | 850                | 700                 | 100                    |
|  | 3400-5600 | 1900                  | 1000                | 220                    | 100 x 4                  | 900                            | 700                 | 120                    | 900                | 700                 | 120                    |
| 3600-4200                                | ≤ 2900    | 1700                  | 1000                | 200                    | 100 x 4                  | 900                            | 700                 | 120                    | 900                | 700                 | 80                     |
|  | 2900-3400 | 1750                  | 1000                | 200                    | 100 x 4                  | 900                            | 700                 | 120                    | 900                | 700                 | 100                    |
|  | 3400-5600 | 2000                  | 1000                | 220                    | 100 x 4                  | 950                            | 700                 | 120                    | 950                | 700                 | 120                    |
| 4200-4800                                | ≤ 2900    | 1850                  | 1000                | 220                    | 100 x 4                  | 950                            | 700                 | 120                    | 950                | 700                 | 100                    |
|  | 2900-3400 | 1900                  | 1000                | 220                    | 100 x 4                  | 1000                           | 700                 | 140                    | 1000               | 700                 | 100                    |
|  | 3400-5600 | 2300                  | 1000                | 280                    | 100 x 4                  | 1150                           | 700                 | 140                    | 1150               | 700                 | 140                    |
| SINGLE POST REGULATORY AND WARNING SIGNS |           |                       |                     |                        |                          |                                |                     |                        |                    |                     |                        |
| 600-1500                                 | ≤ 3000    | 950                   | 700                 | -                      | 76 x 2                   | USE ONLY FREESTANDING SUPPORTS |                     |                        |                    |                     |                        |

|             |                       |                         |                        |                 |               |   |                |          |                    |
|-------------|-----------------------|-------------------------|------------------------|-----------------|---------------|---|----------------|----------|--------------------|
| DESIGNED BY | S.BOKE<br>DESIGNED    | CONSULTANT              | RECOMMENDED            | CLIENT ADDRESS: | CLIENT        | GREATER TUBATSE MUNICIPALITY                      | CONTRACT No. _ | SCALE    | TYPE OF PLANNING   |
|             | T.MUNDALAMO<br>DRAWN  |                         |                        |                 | PROJECT TITLE | MAGOTWANENG ACCESS ROAD INTERSECTION              |                | AS SHOWN | DESIGN<br>DRAWINGS |
|             | S.NEMUKULA<br>CHECKED | for CONSULTING ENGINEER | for HEAD OF DEPARTMENT |                 | DRAWING TITLE | TYPICAL DETAIL : GROUND-MOUNTED ROAD TRAFFIC SIGN |                | REVISION | PLAN No.           |
| No.         | DATE                  | REVISIONS               | BY                     | CHECKED BY      |               |   |                | 0        | MC04/22/SD/04      |