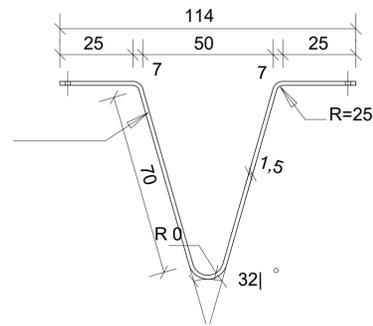
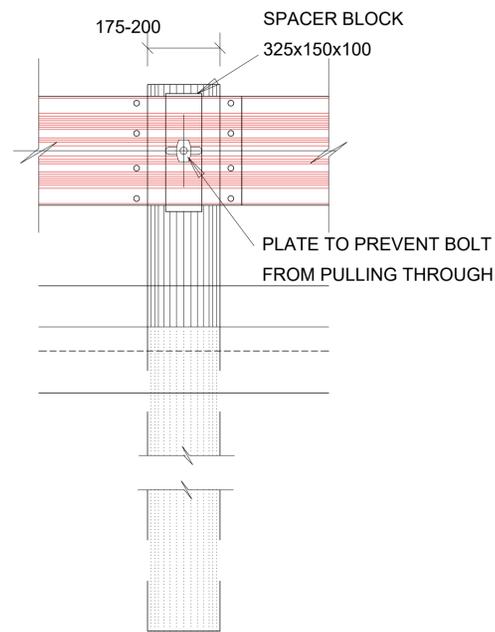


REFLECTORIZED TAPE
ON APPROACHING SIDE

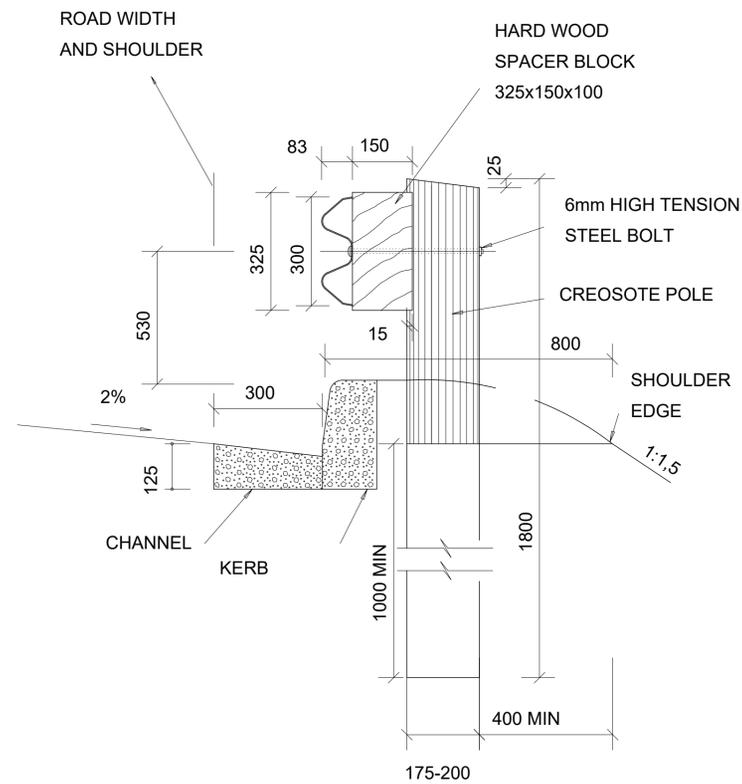
COLOUR:
AMBER WHERE BORDER LINE IS AMBER,
WHITE WHERE BORDER LINE IS WHITE



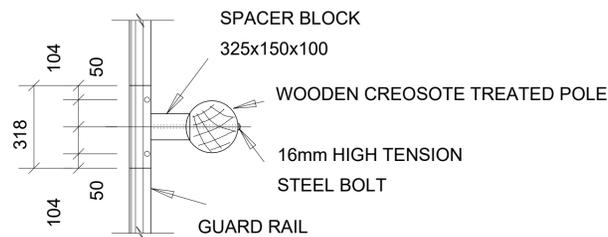
PLAN DETAIL OF REFLECTOR PLATE



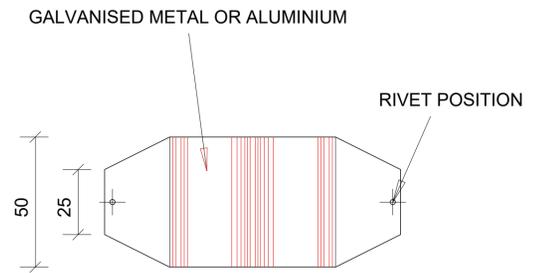
ELEVATION



DETAIL OF GUARD RAIL AND KERB



DETAIL OF PLACING AND MOUNTING



FRONT ELEVATION

CLIENT'S DETAILS



REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

NOTES:

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CONSULTANT'S DETAIL



DESIGNED

NAME: AMN NDIWA
SIGNATURE:..... DATE:.....
 DRAWN
 NAME: AMN NDIWA
SIGNATURE:..... DATE:.....
 CHECKED
 NAME: JK MOLOISANE Prof Reg No.: 201470015
SIGNATURE:..... DATE:.....
 INFORMATION OFFICE CHECKED
 NAME: TG MOENG
SIGNATURE:..... DATE:.....
 DESIGN OFFICE APPROVAL
 NAME: JK MOLOISANE Prof Reg No.: 201470015
SIGNATURE:..... DATE:.....

CONTRACT No.

JDA.10.198.A.2022
 PROJECT No. -
 SHEET No. 01 of 01
 PAPER SIZE A1
 SCALE 1:1200
 DATE: 13/04/2023

LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
 DESCRIPTION OF PROJECT:
 WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
 DRAWING DESCRIPTION:
 ERECTION DETAILS OF GUARD RAIL
 DRAWING No.
 JDA - TD - 001 - V00 - C

PROJECT STATUS

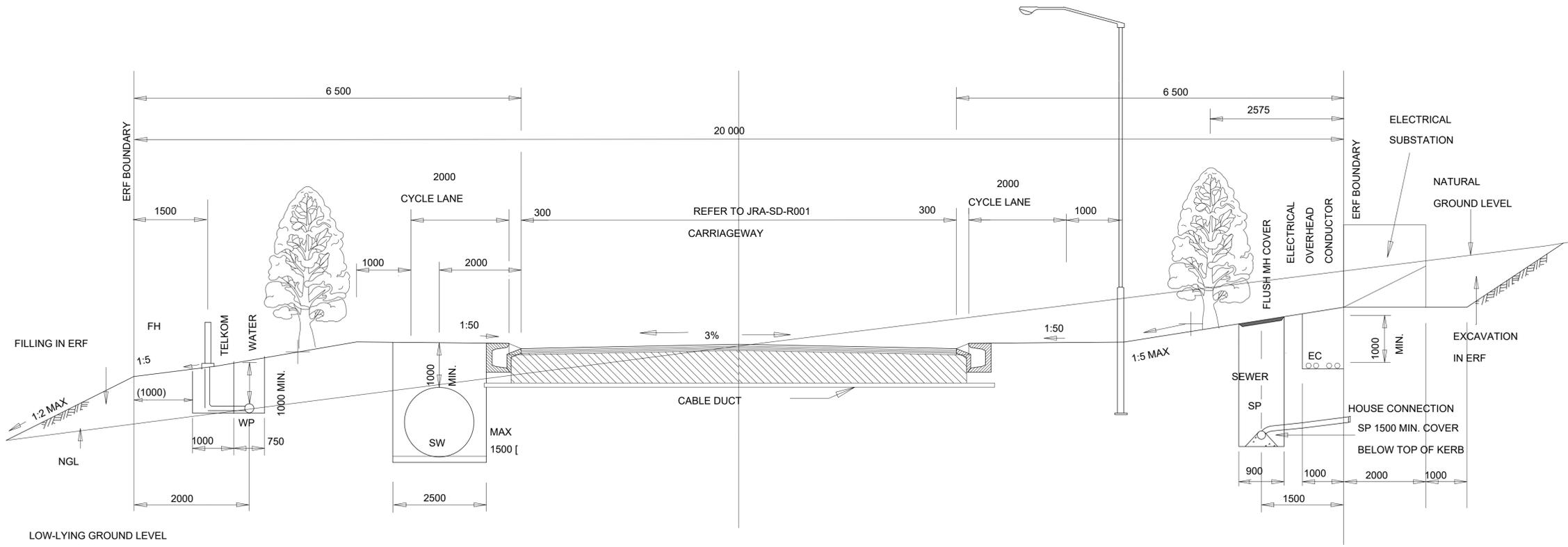
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INCEPTION	DESIGN DEVELOPMENT	TENDER DRAWING	APPROVED CONSTRUCTION DRAWING	AS BUILT DRAWING
PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME	SIGNATURE			DATE
Prof Reg No.	INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:			DATE
NAME	SIGNATURE			DATE



LEGEND :

EC - ELECTRICAL CABLE
 SW - STORMWATER
 FH - FIRE HYDRANT
 WP - WATER PIPE
 SP - SEWER PIPE
 PT - TELKOM

6. MINIATURE SUBSTATIONS ARE PLACED IN SERVITUDE ADJACENT TO ROAD RESERVE UNLESS PROBLEM THEN ON SIDEWALK ONLY IF WIDER THAN 4.5m



CLIENT'S DETAILS



JDA
 Johannesburg Development Agency

3 Helen Joseph
 NEWTOWN, JOHANNESBURG
 2000
 JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS				
NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

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CONSULTANT'S DETAIL



KABE
 CONSULTING ENGINEERS

218 Dr VAN DER MERWE DRIVE
 MONTANA PARK
 0182
 Tel: 087 809 0982
 Fax: 086 516 4728
 e-mail: info@kabe.co.za

DESIGNED	
NAME: AMN NDIWA	DATE:
SIGNATURE:	DATE:
DRAWN	
NAME: AMN NDIWA	DATE:
SIGNATURE:	DATE:
CHECKED	
NAME: JK MOLOISANE	Prof Reg No.: 201470015
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INFORMATION OFFICE CHECKED	
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SIGNATURE:	DATE:
DESIGN OFFICE APPROVAL	
NAME: JK MOLOISANE	Prof Reg No.: 201470015
SIGNATURE:	DATE:

CONTRACT No.	JDA.10.198.A.2022
PROJECT No.	-
SHEET No.	01 of 01
PAPER SIZE	A1
SCALE	1:2000
DATE:	13/04/2023

LOCATION OF PROJECT
 WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.

DESCRIPTION OF PROJECT:
 WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES

DRAWING DESCRIPTION.
 PLACING OF SERVICES WITHIN ROAD RESERVES

DRAWING No.
 JDA - TD - 002 - V00 - C

PROJECT STATUS

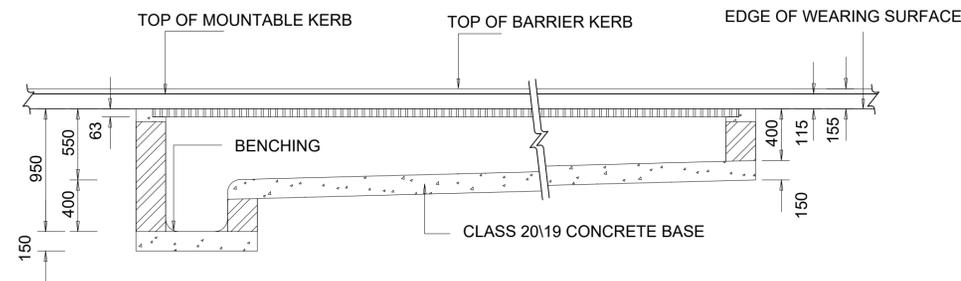
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PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):

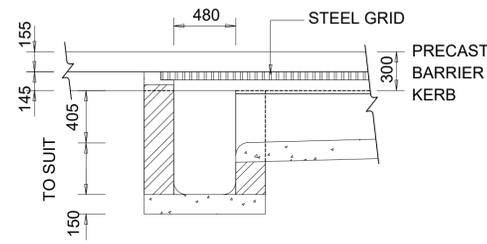
NAME: _____ SIGNATURE: _____
 Prof Reg No. _____ DATE: _____

INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:

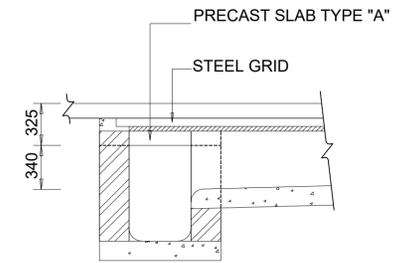
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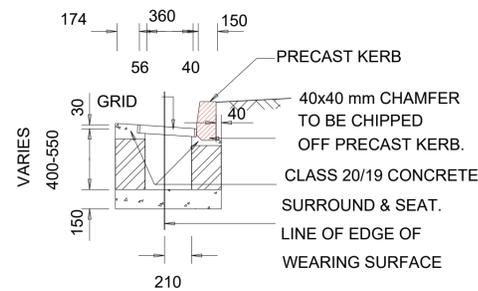
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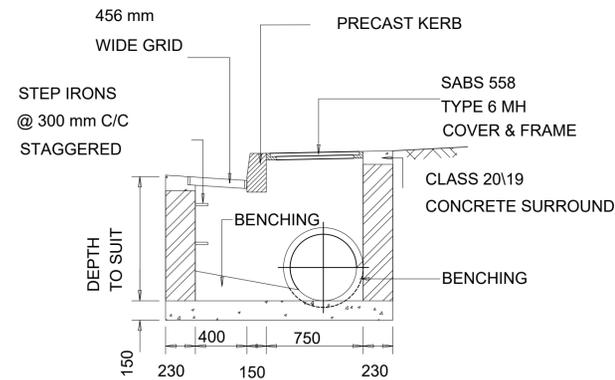
SECTION B-B



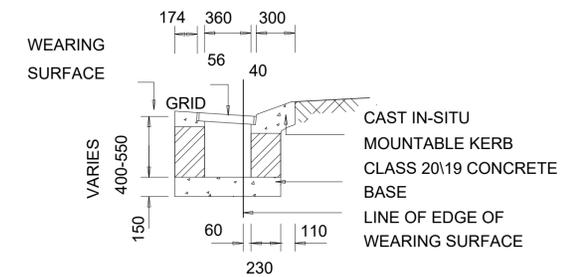
SECTION C-C



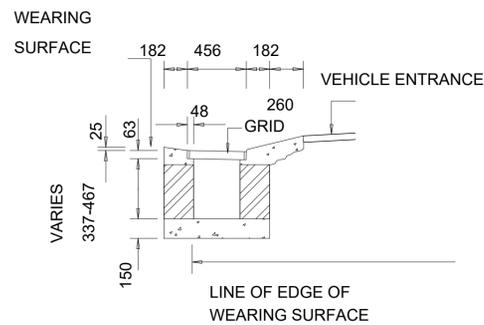
SECTION D-D



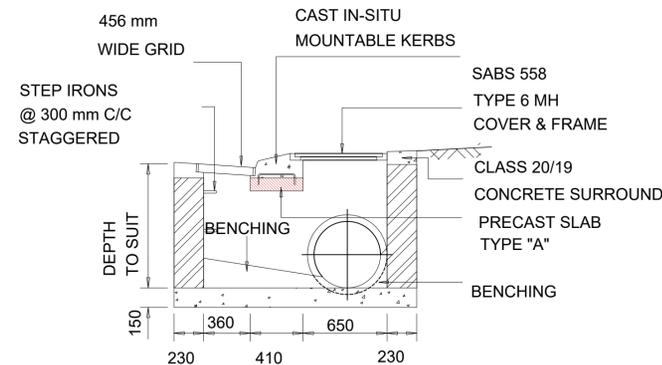
SECTION E-E



SECTION F-F



SECTION H-H



SECTION G-G

NOTE:

FOR LAYOUT PLAN REFER TO DRG. JRA-SD-S016

NOTES:

1. THICKNESS OF CONCRETE SURROUNDS & SEATS TO SUIT BRICKWORK.
2. PIPES BUILT INTO CHAMBERS & SUMPS ARE TO BE CHIPPED BACK FLUSH WITH THE WALLS
3. WALLS COULD BE CONSTRUCTED OF CLASS 20\19 CONCRETE OF THICKNESS 130 mm
4. GRIDS ARE TO BE MANUFACTURED FROM MILD STEEL CONFORMING TO SABS 1431 GRADE 240W WELDED IN ACCORDANCE WITH SABS 044
5. THE GRIDS ARE TO BE PLACED IN POSITION BEFORE THE SURROUNDS ARE CAST - IF THE ENGINEER REQUIRES THE GRIDS TO BE REMOVABLE, SOFTBOARD IS TO BE PLACED AROUND THE GRIDS BEFORE THE SURROUNDS ARE CAST.

CLIENT'S DETAILS



3 Helen Joseph
NEWTOWN, JOHANNESBURG
2000
JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

NOTES:

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CONSULTANT'S DETAIL



KABE CONSULTING ENGINEERS
218 Dr VAN DER MERWE DRIVE
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0182
Tel: 087 809 0982
Fax: 086 516 4728
e-mail: info@kabe.co.za

DESIGNED

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CONTRACT No.

JDA.10.198.A.2022
PROJECT No. -
SHEET No. 01 of 01
PAPER SIZE A1
SCALE 1:2000
DATE: 13/04/2023

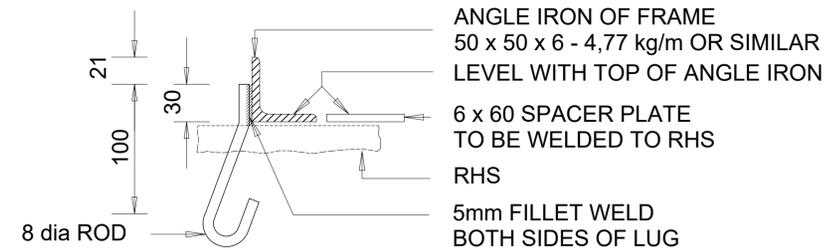
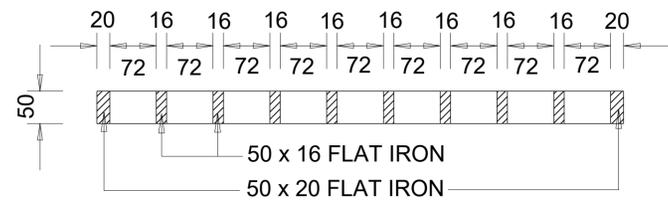
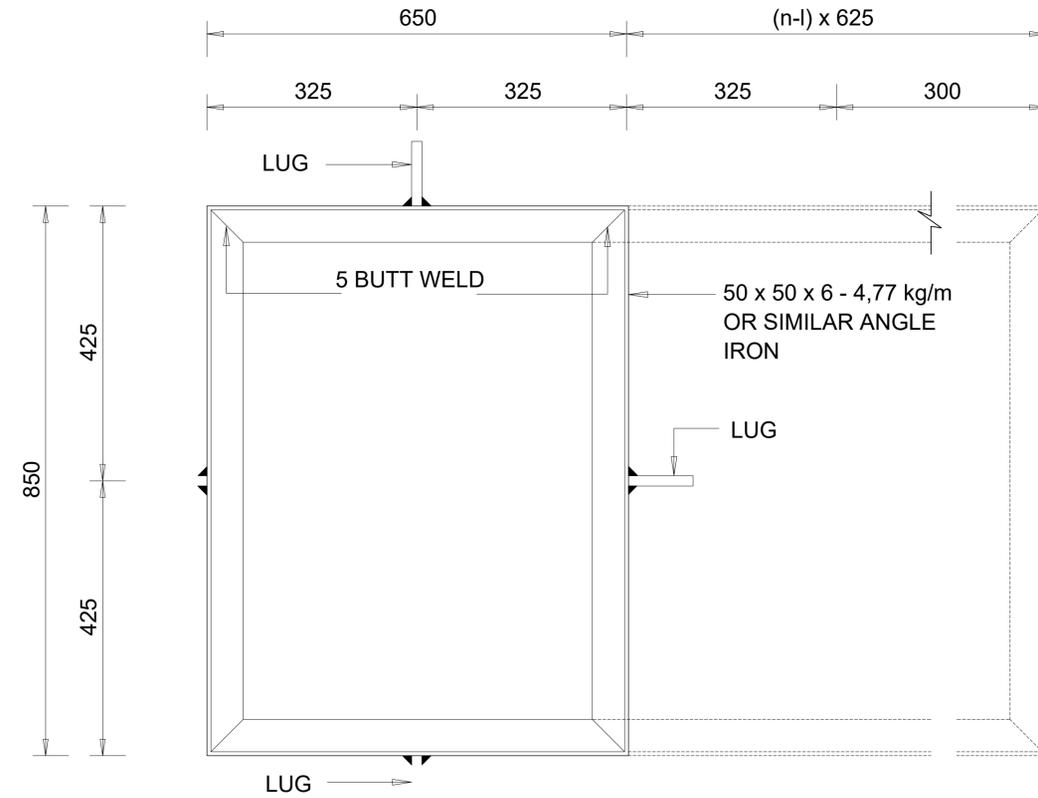
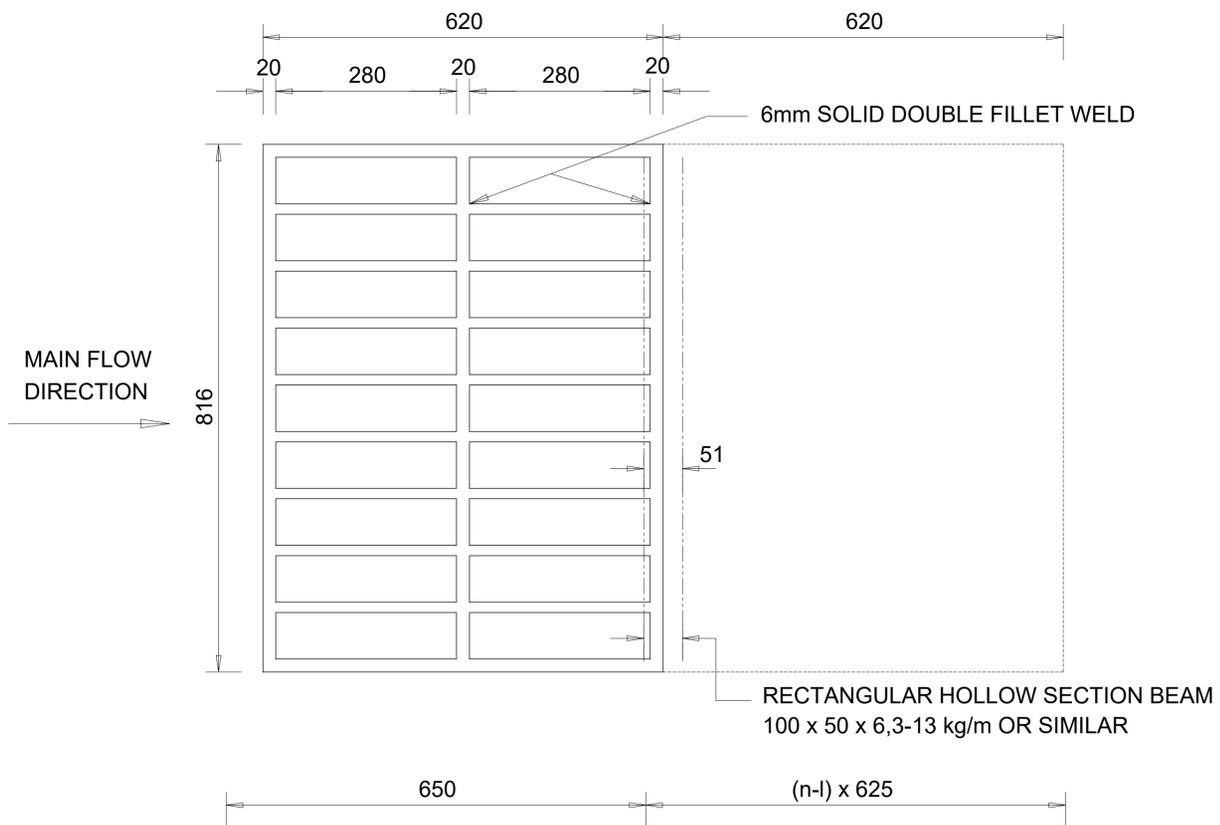
LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
DESCRIPTION OF PROJECT:
WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
DRAWING DESCRIPTION.
CONCRETE INLET DETAILS
DRAWING No.
JDA - TD - 003 - V00 - C

PROJECT STATUS

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PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME		SIGNATURE		
Prof Reg No.		DATE		
INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:				
NAME		SIGNATURE		
NAME		DATE		





DETAILS OF GRID COVER

CLIENT'S DETAILS



REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

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DESIGNED

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SIGNATURE:..... DATE:.....

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NAME: JK MOLOISANE
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NAME: TG MOENG
SIGNATURE:..... DATE:.....

NAME: JK MOLOISANE
SIGNATURE:..... DATE:.....

DRAWN

CHECKED

INFORMATION OFFICE CHECKED

DESIGN OFFICE APPROVAL

CONTRACT No.

JDA.10.198.A.2022

PROJECT No.
-

SHEET No.
01 of 01

PAPER SIZE
A1

SCALE
1:2000

DATE:
13/04/2023

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WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.

DESCRIPTION OF PROJECT:
WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES

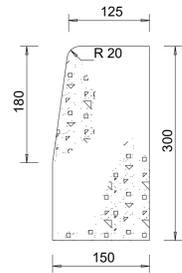
DRAWING DESCRIPTION.
DETAILS OF GRID COVER

DRAWING No.
JDA - TD - 004 - V00 - C

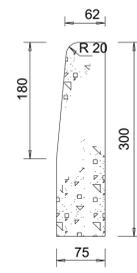
PROJECT STATUS

INCEPTION	DESIGN DEVELOPMENT	TENDER DRAWING	APPROVED CONSTRUCTION DRAWING	AS BUILT DRAWING
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME		SIGNATURE		
Prof Reg No.		DATE		
INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:				
NAME		SIGNATURE		
NAME		DATE		

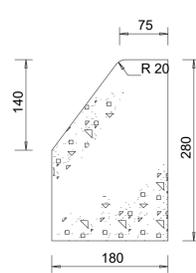




BARRIER KERB
SABS (FIG. 3)
Can also be used as mountable kerbs



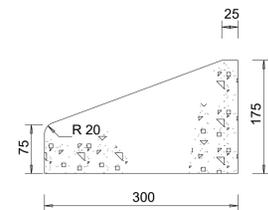
RECTANGULAR
SABS (FIG. 5)



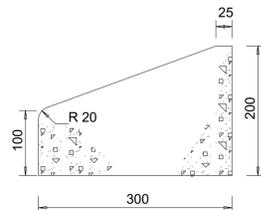
SEMI-MOUNTABLE KERB
SABS (FIG. 7)
For use in medians only

NOTES:

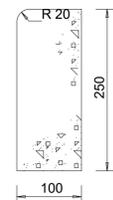
1. MOUNTABLE KERBS TO BE FIG.8B UNLESS OTHERWISE SPECIFIED
2. ALL KERB SHAPES AND STRENGTH TO COMPLY WITH SABS 927.
3. ALL KERBING ON CURVES TO BE CONTINUOUSLY HAUNCHED, KERBS ON STRAIGHT SECTIONS HAUNCHED ONLY AT JOINTS.
4. REFLECTIVE KERBING TO BE USED WHERE EXTRA SAFETY IS REQUIRED



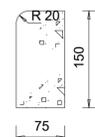
MOUNTABLE KERB
SABS (FIG. 8b)



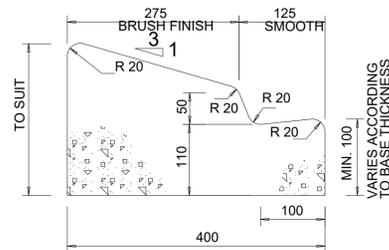
MOUNTABLE KERB
SABS (FIG. 8c)
Industrial use



RECTANGULAR
SABS (FIG.10)
For high side kerbing in low cost developments



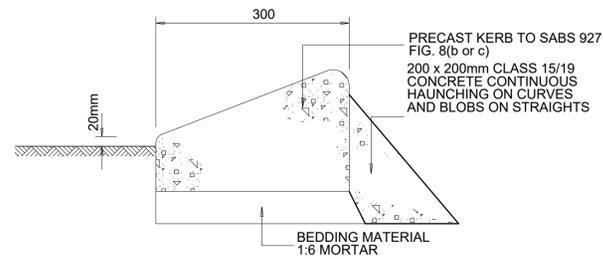
RECTANGULAR
SABS (FIG.12)
Edge restraints for paving blocks



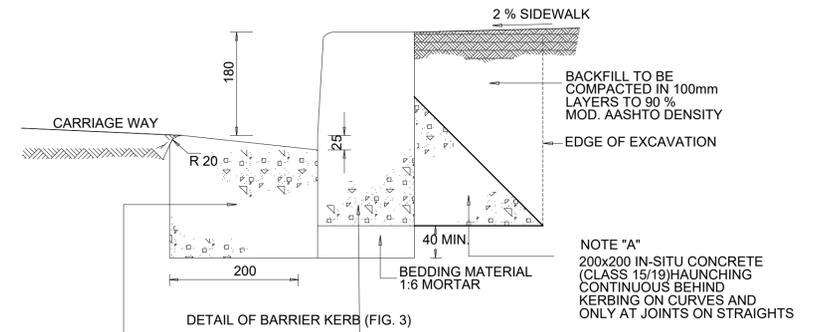
CAST-IN-SITU MOUNTABLE KERB WITH GUTTER
Only to be used when no alternative exists

NOTES

1. MINIMUM CONCRETE STRENGTH OF ALL CAST IN-SITU KERBS TO BE CLASS 25/19.
2. CONCRETE CUTTER TO HAVE A STEEL TROWEL FINISH



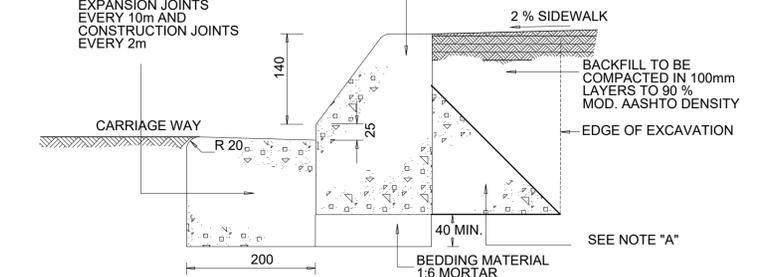
PRECAST MOUNTABLE KERB (FIG. 8B OR 8C)



DETAIL OF BARRIER KERB (FIG. 3)

CLASS 25/19 CAST IN-SITU CONCRETE GUTTER CAST ONTO SUB-BASE. THICKNESS VARIES ACCORDING TO BASE THICKNESS (MINIMUM THICKNESS = 125mm) EXPANSION JOINTS EVERY 10m AND CONSTRUCTION JOINTS EVERY 2m

PRECAST SEMI MOUNTABLE KERB (1,0m LENGTHS ON STRAIGHTS AND 0,3m LENGTHS ON CURVES)



DETAIL OF SEMI-MOUNTABLE KERB (FIG. 7)

NOTE "A"
200x200 IN-SITU CONCRETE (CLASS 15/19) HAUNCHING CONTINUOUS BEHIND KERBING ON CURVES AND ONLY AT JOINTS ON STRAIGHTS

SEE NOTE "A"

CLIENT'S DETAILS



REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

NOTES:

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CONSULTANT'S DETAIL



DESIGNED

NAME: AMN NDIWA
SIGNATURE:..... DATE:.....

DRAWN
NAME: AMN NDIWA
SIGNATURE:..... DATE:.....

CHECKED
NAME: JK MOLOISANE Prof Reg No.: 201470015
SIGNATURE:..... DATE:.....

INFORMATION OFFICE CHECKED
NAME: TG MOENG
SIGNATURE:..... DATE:.....

DESIGN OFFICE APPROVAL
NAME: JK MOLOISANE Prof Reg No.: 201470015
SIGNATURE:..... DATE:.....

CONTRACT No.

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PROJECT No.
-

SHEET No.
01 of 01

PAPER SIZE
A1

SCALE
1:1000

DATE:
13/04/2023

LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.

DESCRIPTION OF PROJECT:
WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES

DRAWING DESCRIPTION.
STANDARD SABS KERB DETAILS - 1

DRAWING No.
JDA - TD - 005 - V00 - C

PROJECT STATUS

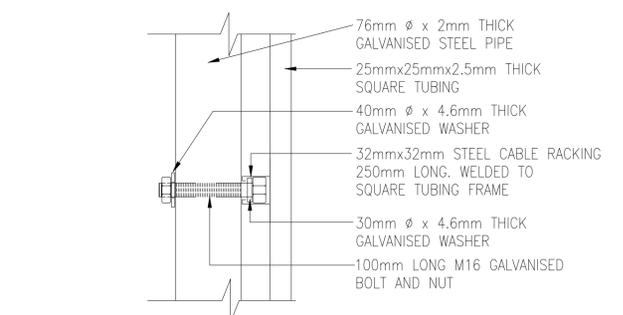
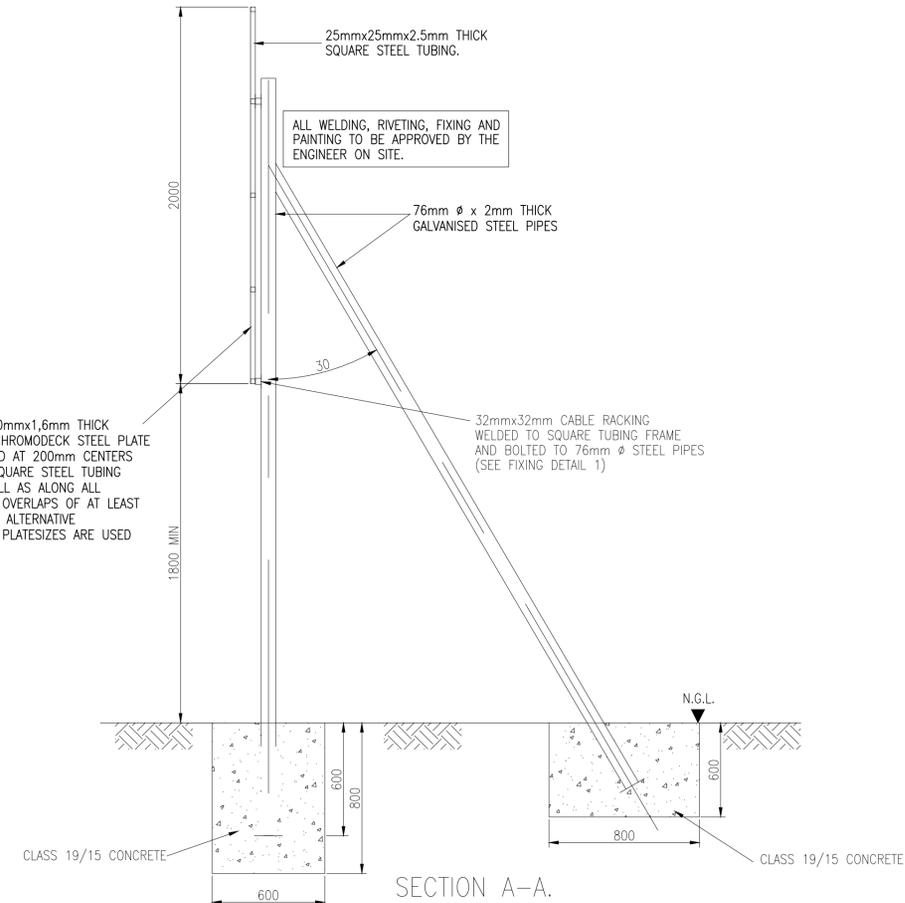
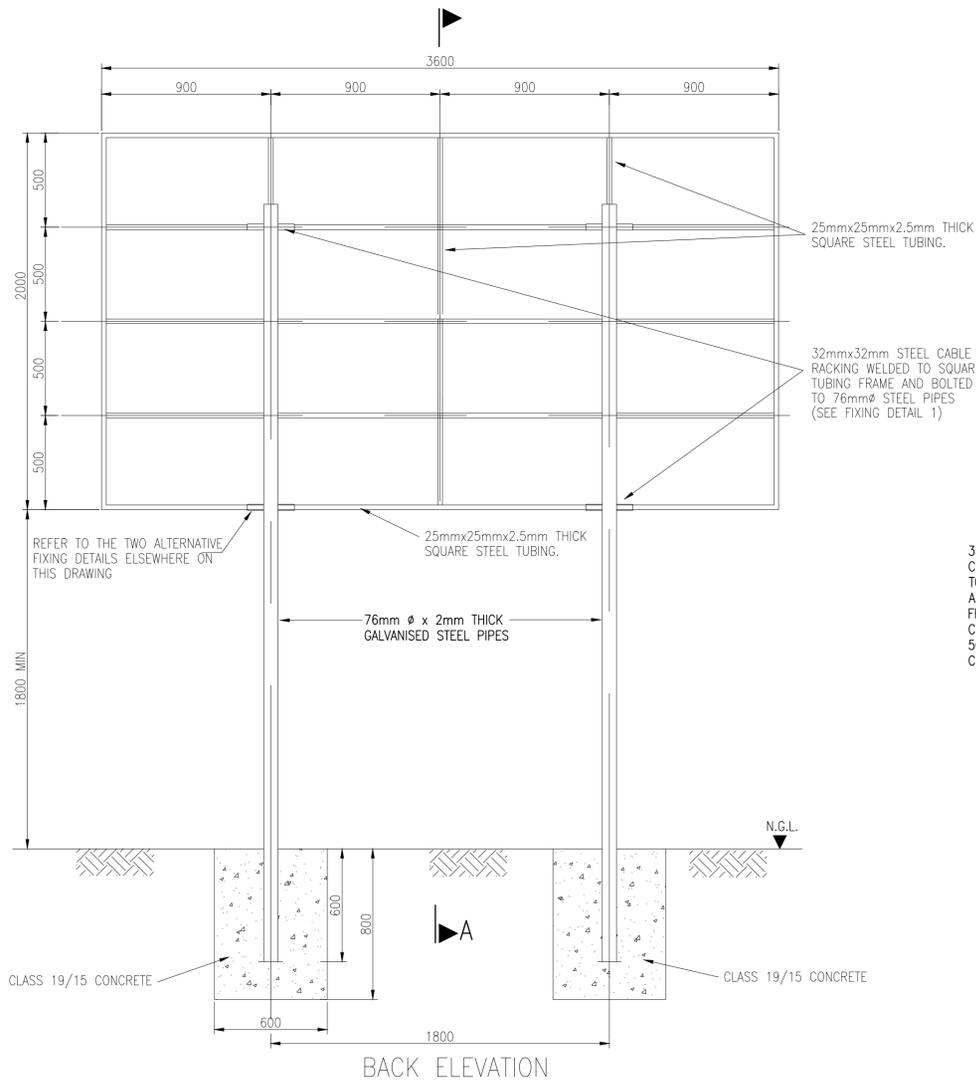
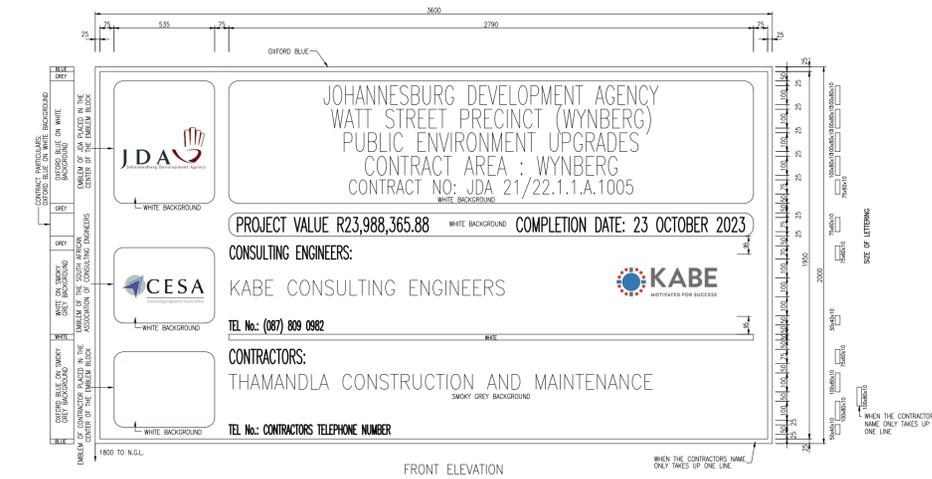
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PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME		SIGNATURE		
Prof Reg No.		DATE		
INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY:				
NAME		SIGNATURE		
NAME		DATE		

NOTES:

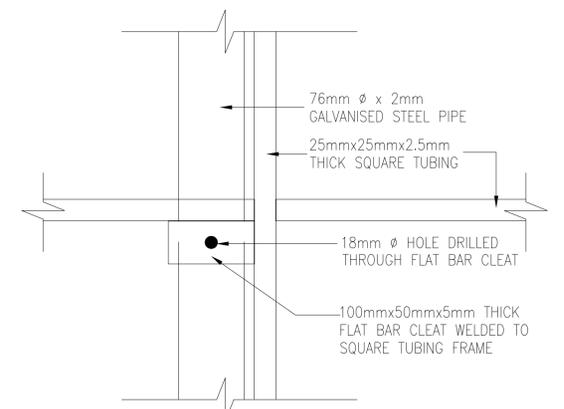
1. ALL EMBLEMS ARE TO BE OBTAINED BY THE CONTACTOR AND DISPLAYED IN FULL COLOUR.
2. THE EMBLEMS OF THE FEDERATION OF CIVIL ENGINEERING CONTRACTORS AND THE ASSOCIATION OF CONSULTING ENGINEERS MAY ONLY BE USED IF THE CONTRACTOR / CONSULTANT IS A REGISTERED MEMBER. NO OTHER EMBLEM MAY BE USED IN LIEU THEREOF.
3. M16 x 100mm GALVANISED BOLTS AND NUTS FOR FIXING OF NAME BOARD TO GALVANISED STEEL PIPES. (FIXING DETAIL 1)
4. M16 x 100mm GALVANISED BOLTS AND NUTS FOR FIXING OF NAME BOARD TO GALVANISED STEEL PIPES. (FIXING DETAIL 2)
5. LOCATION OF PROJECT NAME BOARD TO BE IN ACCORDANCE WITH THE ENGINEERS INSTRUCTIONS.
6. FOR FIXING DETAIL 2 THE CENTRE LINES OF THE 76mm Ø STEEL PIPES WILL BE < 1800mm APART.

COLOUR IDENTIFICATION :

1. OXFORD BLUE BS 381(c) OF 1964 COLOUR 105
2. SMOKEY GREY BS 381(c) OF 1964 COLOUR 692
3. UNCOATED : JW22 (RED)
4. COATED : PMS 199C (RED)



FIXING DETAIL 1



FIXING DETAIL 2

ALTERNATIVE FIXING DETAILS

CLIENT'S DETAILS



REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

NOTES:

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CONSULTANT'S DETAIL



DESIGNED

NAME: AMN NDIWA
SIGNATURE: _____ DATE: _____

NAME: AMN NDIWA
SIGNATURE: _____ DATE: _____

NAME: JK MOLOISANE
SIGNATURE: _____ DATE: _____

NAME: JK MOLOISANE
SIGNATURE: _____ DATE: _____

DRAWN

CHECKED

INFORMATION OFFICE CHECKED

DESIGN OFFICE APPROVAL

CONTRACT No.

JDA.10.198.A.2022

PROJECT No. -

SHEET No. 01 of 01

PAPER SIZE A1

SCALE N.T.S

DATE: 13/04/2023

LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.

DESCRIPTION OF PROJECT: WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES

DRAWING DESCRIPTION. CONTRACT NAMEBOARD

DRAWING No. JDA - TD - 006 - V00 - C

PROJECT STATUS

INCEPTION	DESIGN DEVELOPMENT	TENDER DRAWING	APPROVED CONSTRUCTION DRAWING	AS BUILT DRAWING
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA):

NAME: _____ SIGNATURE: _____

Prof Reg No. _____ DATE: _____

INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY:

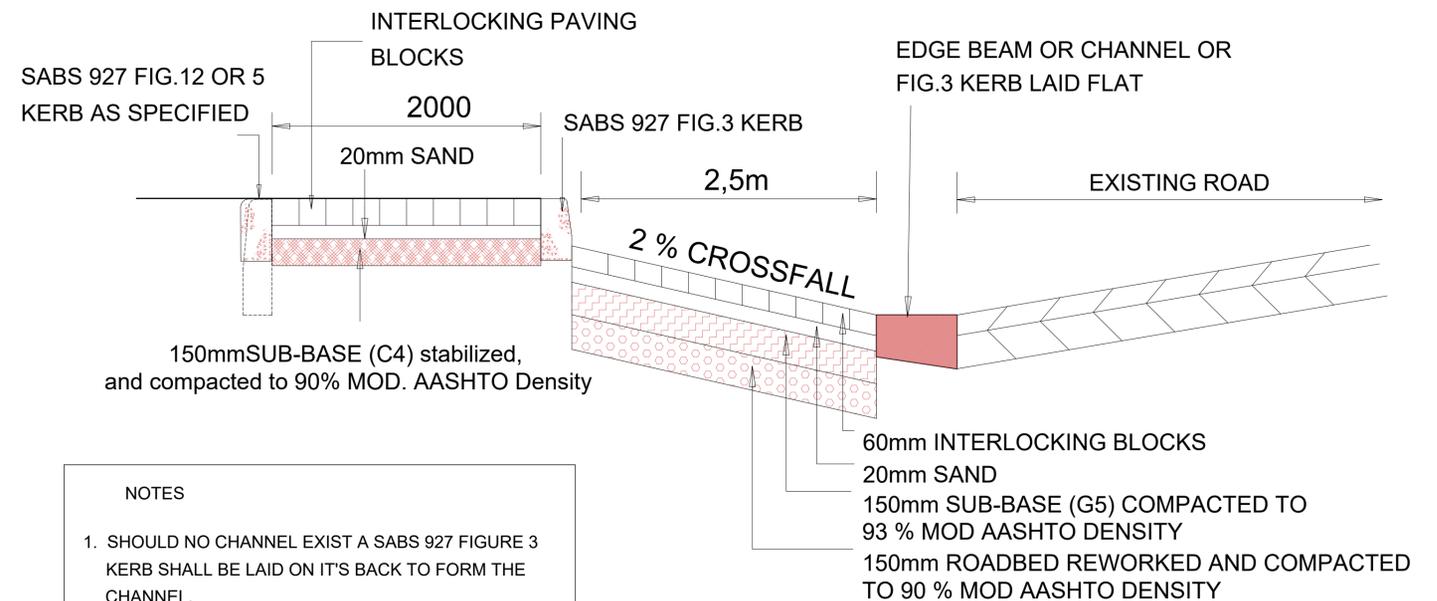
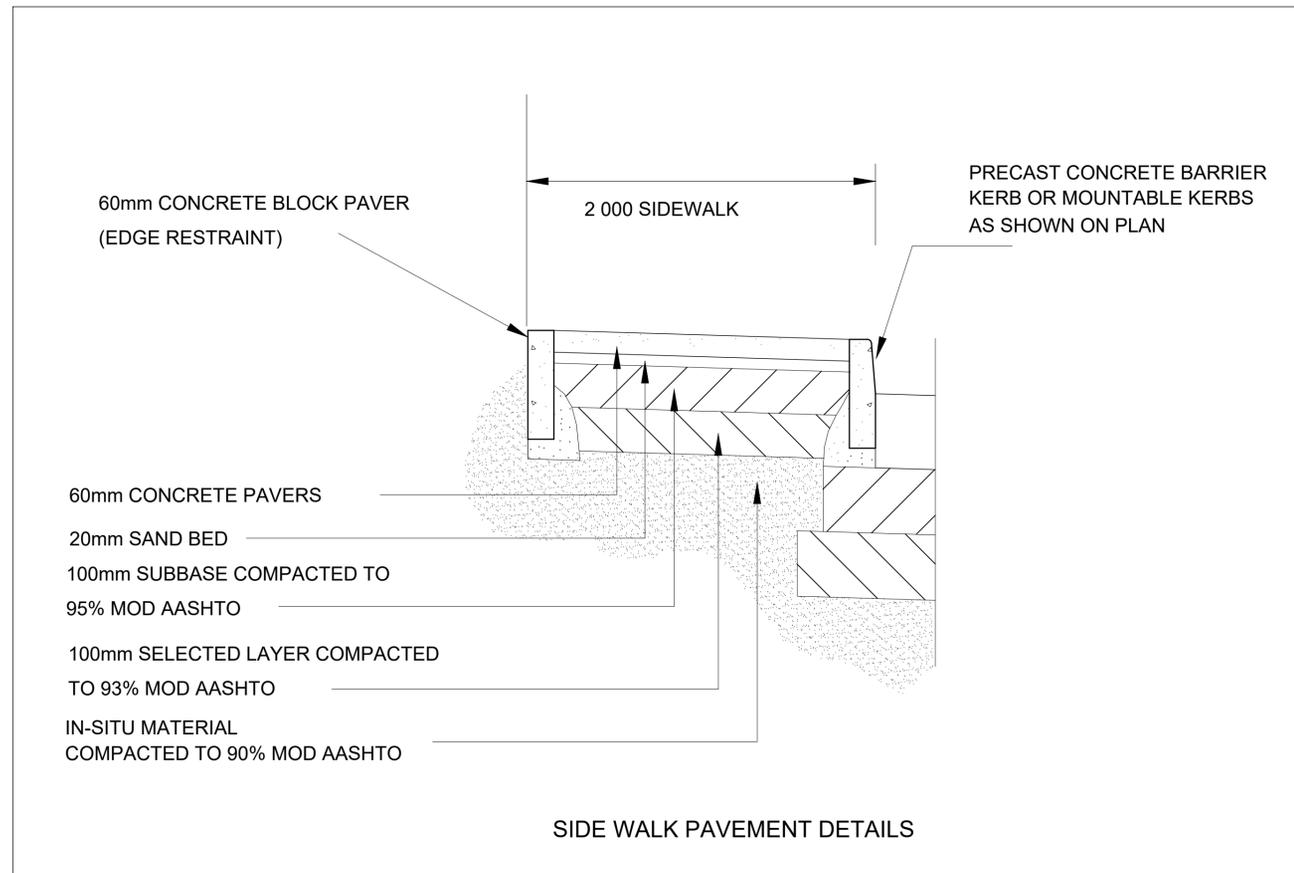
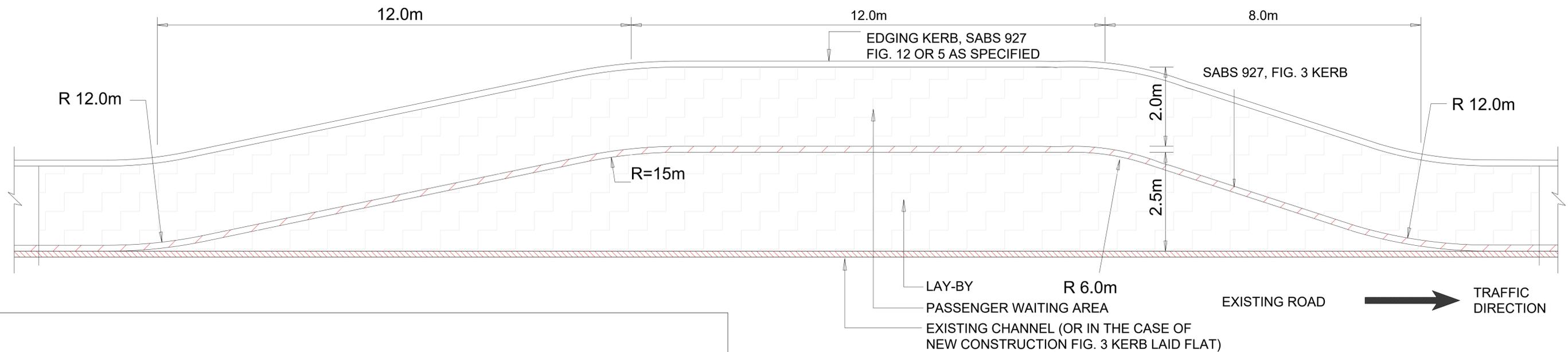
NAME: _____ SIGNATURE: _____

DATE: _____



REVISION

POSITION OF SHELTER OR ANY OTHER RELATED STRUCTURE



- NOTES**
1. SHOULD NO CHANNEL EXIST A SABS 927 FIGURE 3 KERB SHALL BE LAID ON ITS BACK TO FORM THE CHANNEL.
 2. NO KERB INLET ALLOWED WITHIN LAY-BY,
 3. WHERE FIGURE 3 KERBING IS TO BE USED, 1m LENGTHS WILL BE REQUIRED ON STRAIGHT PORTIONS AND 0,3m LENGTHS ON TRANSITIONAL CURVES WITH RADII < 15m
 4. DRAWING NOT TO SCALE, USE DIMENSIONS SHOWN.

- LEGEND**
- 60mm INTERLOCKING BLOCK PAVING
 - PROPOSED KERB
 - EXISTING CHANNEL

CLIENT'S DETAILS

JDA
Johannesburg Development Agency

3 Helen Joseph
NEWTOWN, JOHANNESBURG
2000
JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS					
NR	DATE	APPROVED	DESCRIPTION	PAR	
0	25/01/2023	JKM	ORIGINAL		

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CONSULTANT'S DETAIL

KABE
CONSULTING ENGINEERS

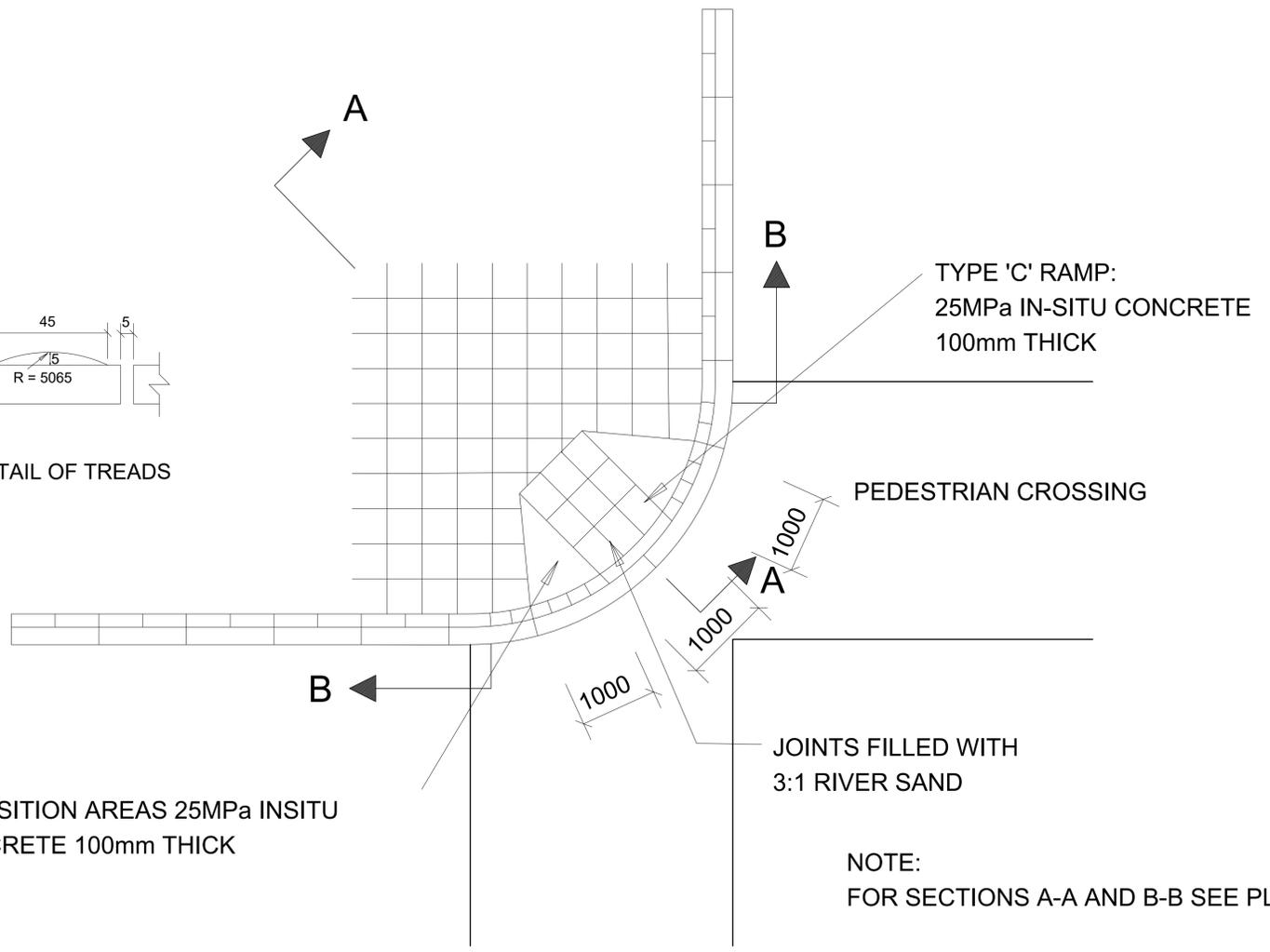
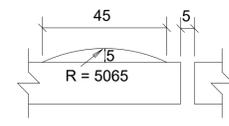
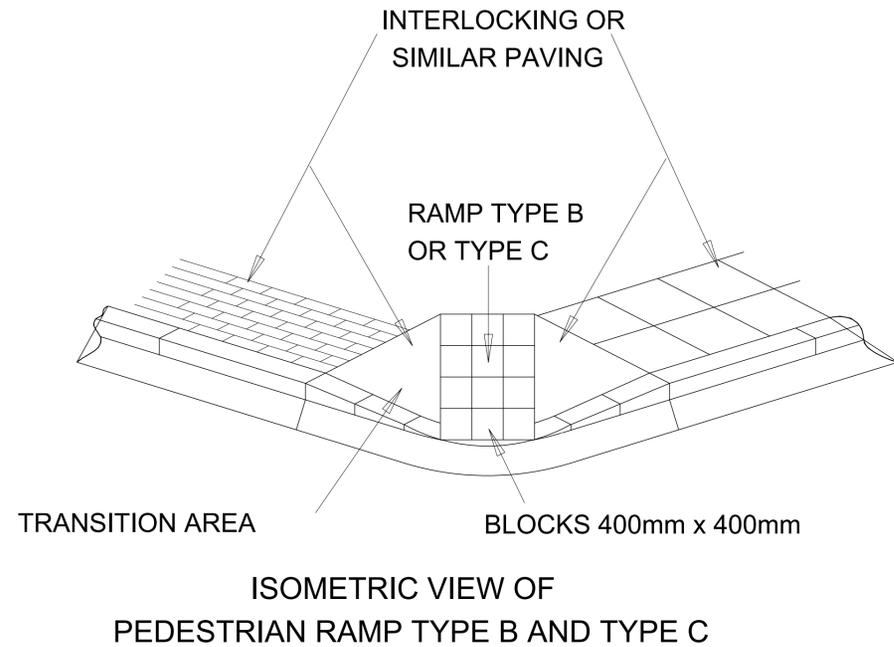
218 Dr VAN DER MERWE DRIVE
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0182
Tel: 087 809 0982
Fax: 086 516 4728
e-mail: info@kabe.co.za

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INFORMATION OFFICE CHECKED	
NAME: TG MOENG	DATE:
SIGNATURE:	
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NAME: JK MOLOISANE	Prof Reg No.: 201470015
SIGNATURE:	

CONTRACT No.	JDA.10.198.A.2022
PROJECT No.	-
SHEET No.	01 of 01
PAPER SIZE	A1
SCALE	NTS
DATE:	13/04/2023

LOCATION OF PROJECT	WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
DESCRIPTION OF PROJECT:	WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
DRAWING DESCRIPTION.	TYPICAL MINIBUS-TAXI LAY-BY & SIDE WALK PAVEMENT DETAIL
DRAWING No.	JDA - TP - 008 - V00 - C

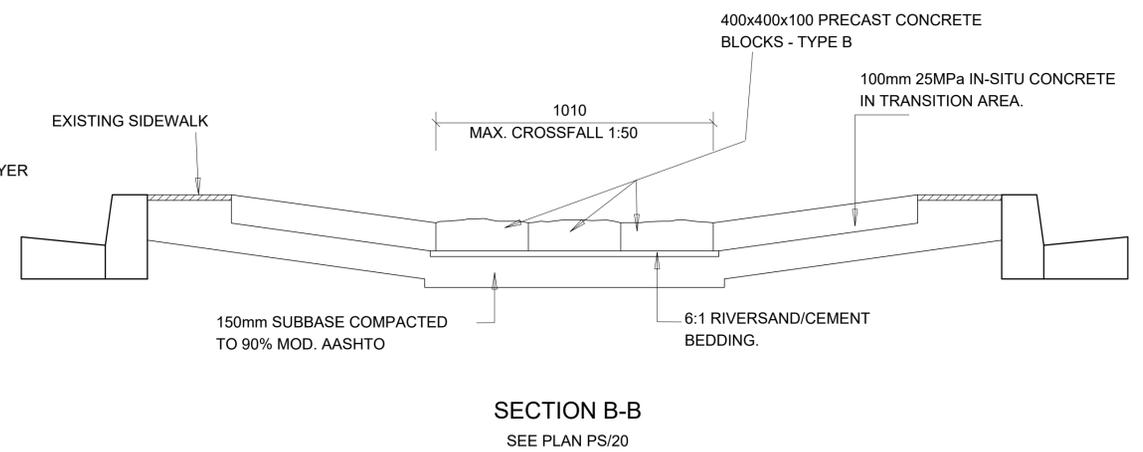
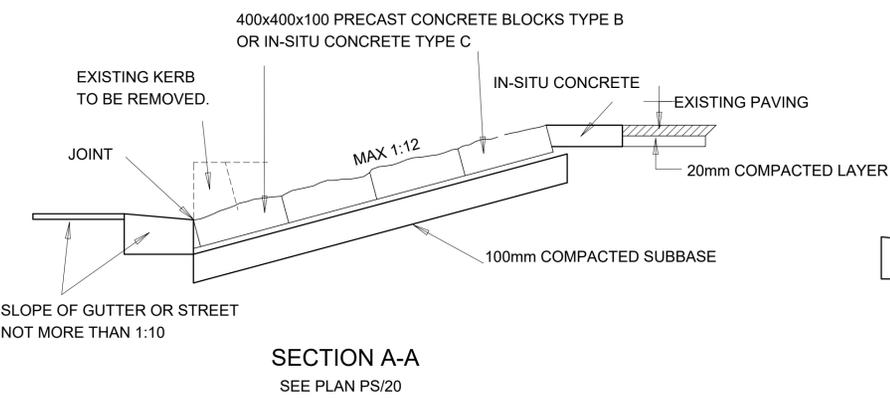
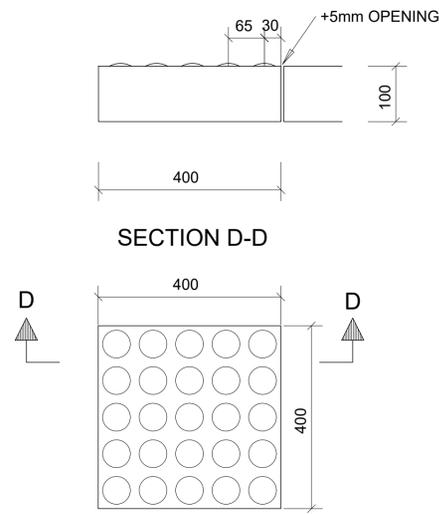
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PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME	SIGNATURE			DATE
Prof Reg No.	INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:			DATE
NAME	SIGNATURE			DATE



CASE 1 : PEDESTRIAN RAMPS AT STREET CROSSINGS

TYPES OF RAMP ALLOWED

- 'TYPE A' - RAMPS AND TRANSITION SURFACES TO BE INTERLOCKING PAVING BLOCKS, G-BLOCKS OR SIMILAR
- 'TYPE B' - RAMPS TO BE 330 x 330 X 100 PRECAST CONCRETE BLOCKS OF 30 MPa CONCRETE AND THE TRANSITIONS SURFACES TO BE 25 MPa 100 mm THICK IN-SITU CONCRETE. (SHOWN HERE)
- 'TYPE C' - RAMPS AND TRANSITION SURFACES TO BE 100 mm 25MPa IN-SITU CONCRETE WITH SPECIALLY CORRUGATED SURFACE TEXTURE.



CLIENT'S DETAILS

3 Helen Joseph
NEWTOWN, JOHANNESBURG
2000
JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS				
NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

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CONSULTANT'S DETAIL

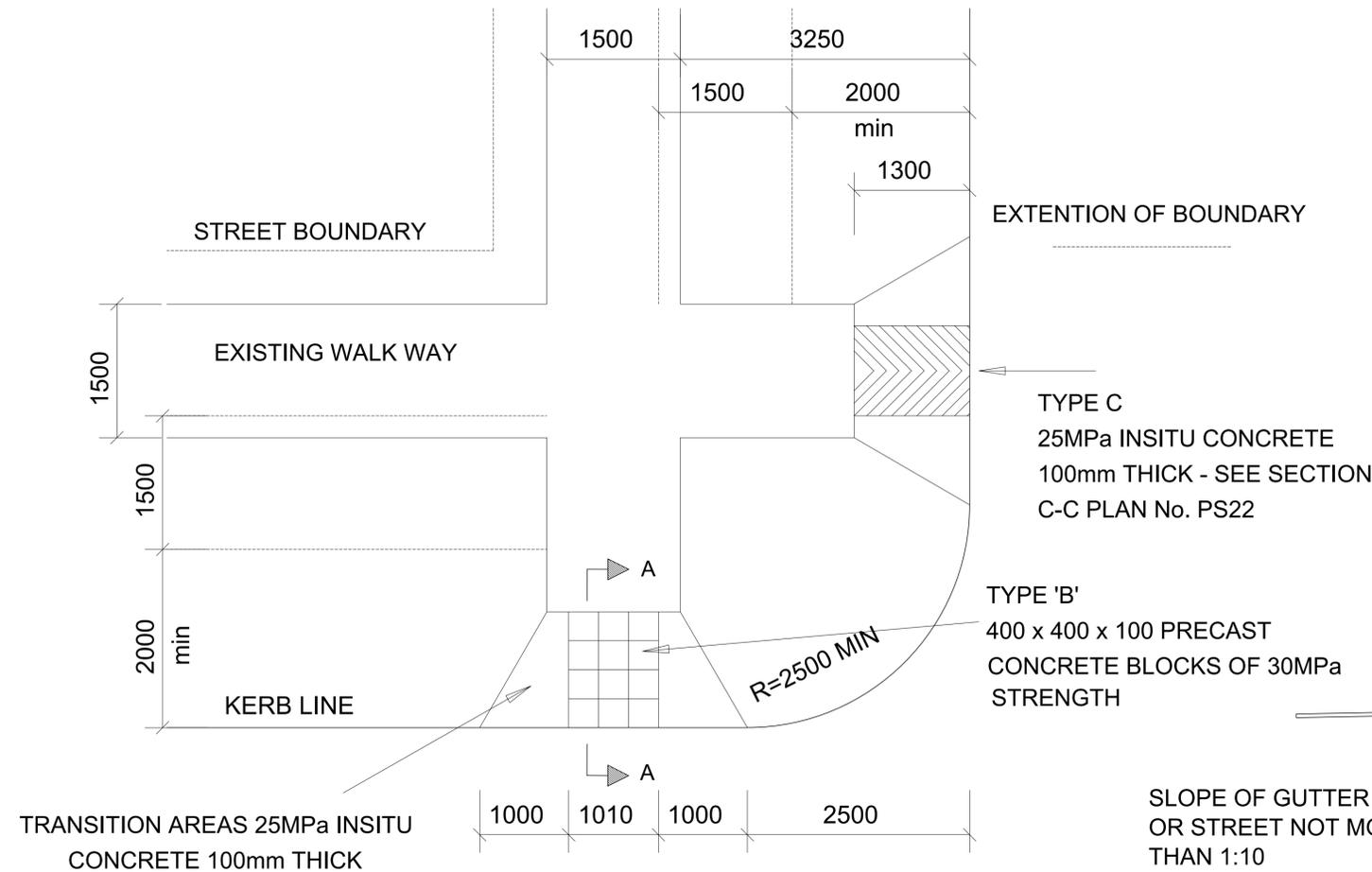
KABE CONSULTING ENGINEERS
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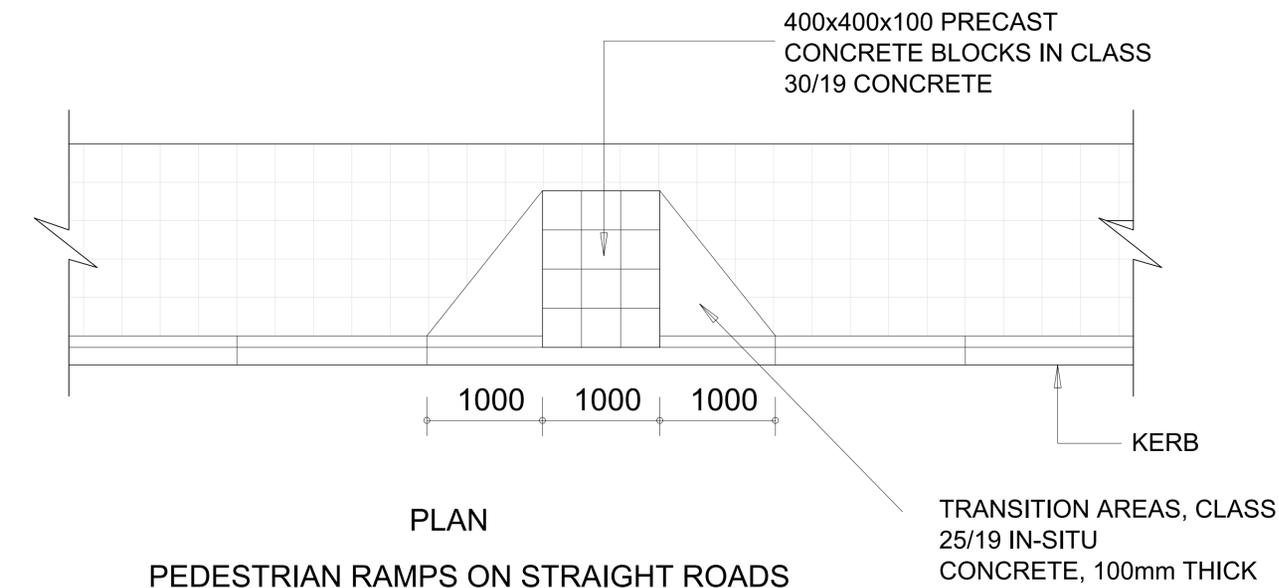
CONTRACT No. JDA.10.198.A.2022	LOCATION OF PROJECT WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
PROJECT No. -	DESCRIPTION OF PROJECT: WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
SHEET No. 01 of 02	DRAWING DESCRIPTION. CORNER PEDESTRIAN RAMP DETAILS 01
PAPER SIZE A1	DRAWING No. JDA - TD - 009 - V00 - C
SCALE NTS	
DATE: 13/04/2023	

PROJECT STATUS

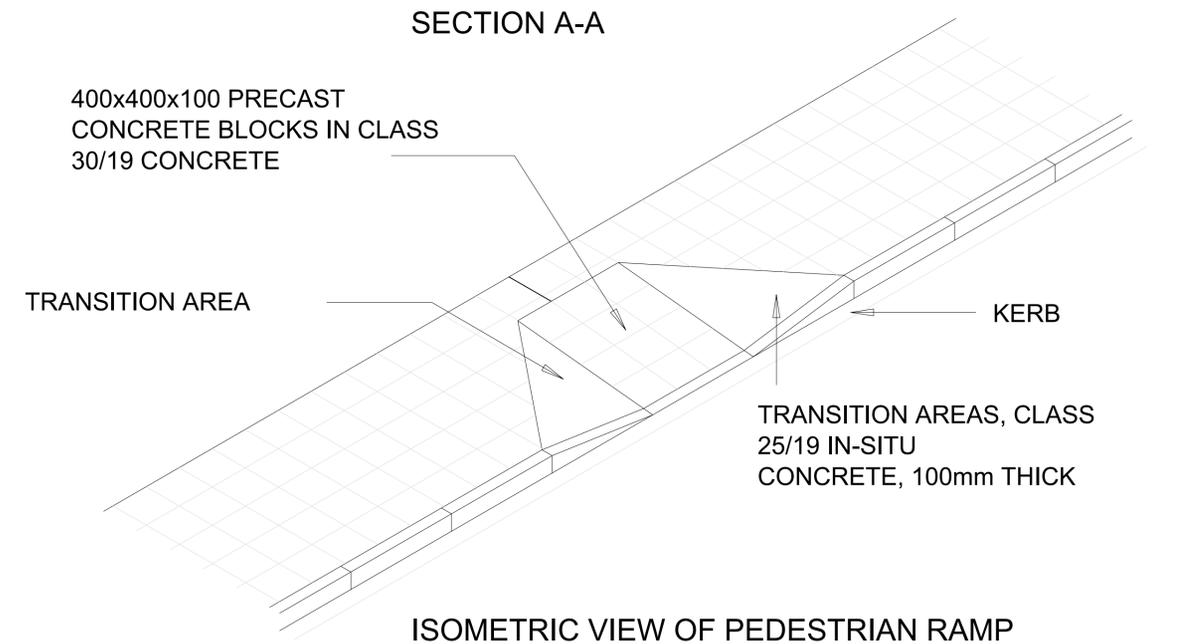
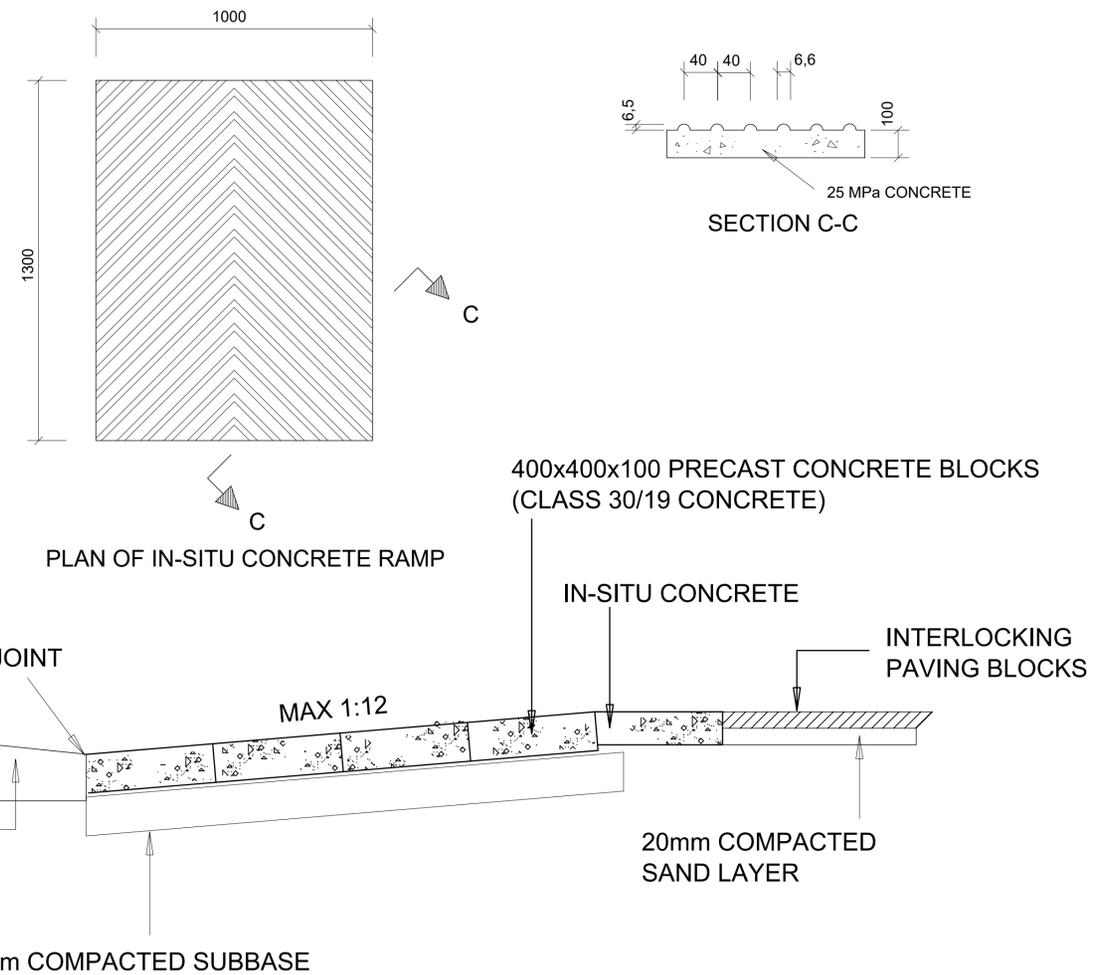
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PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME	SIGNATURE			DATE
Prof Reg No.	INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY:			DATE
NAME	SIGNATURE			DATE



PLAN
TWO PEDESTRIAN CROSSINGS AT EACH STREET CORNER



PLAN
PEDESTRIAN RAMPS ON STRAIGHT ROADS



ISOMETRIC VIEW OF PEDESTRIAN RAMP

CLIENT'S DETAILS



REVISIONS

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DESIGNED

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NAME: JK MOLOISANE	Prof Reg No: 201470015	DATE: _____
NAME: TG MOENG	SIGNATURE: _____	DATE: _____
NAME: JK MOLOISANE	Prof Reg No: 201470015	DATE: _____

CONTRACT No.

JDA.10.198.A.2022
PROJECT No.
-
SHEET No.
02 of 02
PAPER SIZE
A1
SCALE
NTS
DATE:
13/04/2023

LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
DESCRIPTION OF PROJECT:
WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
DRAWING DESCRIPTION:
CORNER PEDESTRIAN RAMP DETAILS 02
DRAWING No.
JDA - TD - 010 - V00 - C

PROJECT STATUS

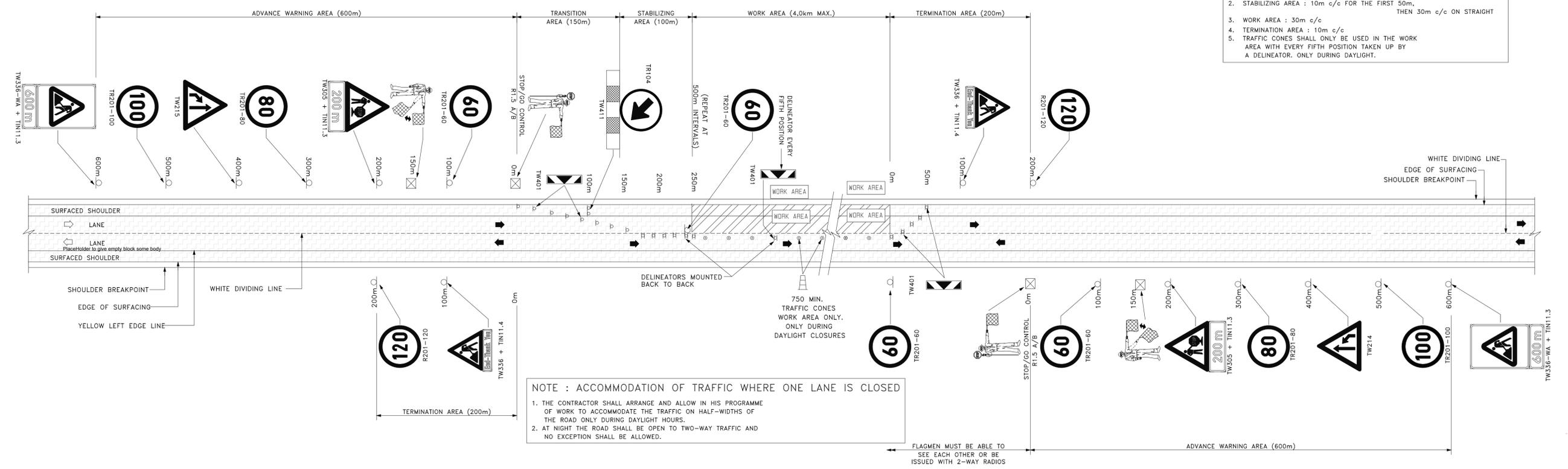
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PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME	SIGNATURE			DATE
Prof Reg No.	INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY:			DATE
NAME	SIGNATURE			DATE



TEMPORARY ROAD TRAFFIC MANAGEMENT FOR 2-LANE SINGLE CARRIAGEWAY ROADS
STOP / GO OPERATION & SHOULDER CONSTRUCTION : DAYLIGHT AND NIGHT-TIME CLOSURES

NOTE : SPACING OF DELINEATORS / CONES

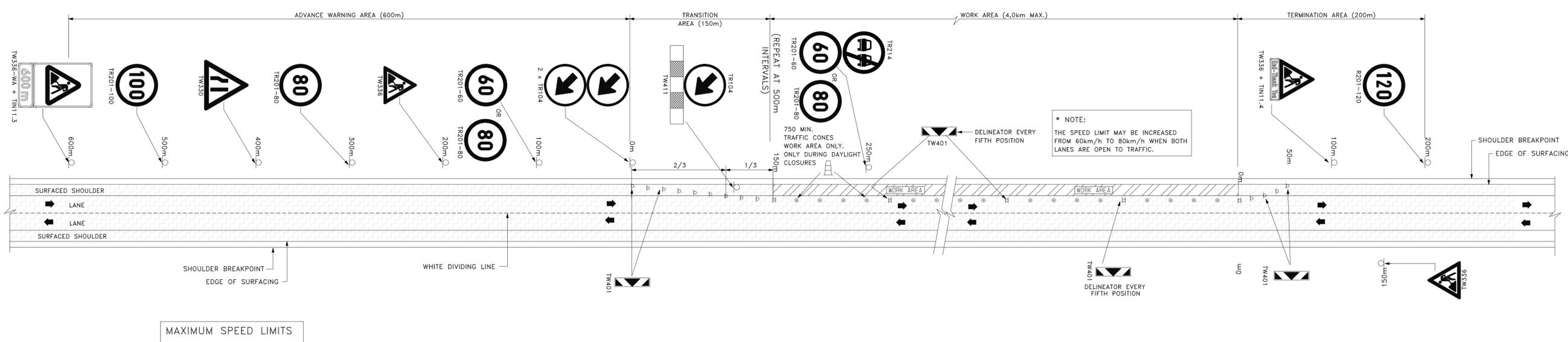
1. TRANSITION AREA : 10m c/c
2. STABILIZING AREA : 10m c/c FOR THE FIRST 50m, THEN 30m c/c ON STRAIGHT
3. WORK AREA : 30m c/c
4. TERMINATION AREA : 10m c/c
5. TRAFFIC CONES SHALL ONLY BE USED IN THE WORK AREA WITH EVERY FIFTH POSITION TAKEN UP BY A DELINEATOR, ONLY DURING DAYLIGHT.



NOTE : ACCOMMODATION OF TRAFFIC WHERE ONE LANE IS CLOSED

1. THE CONTRACTOR SHALL ARRANGE AND ALLOW IN HIS PROGRAMME OF WORK TO ACCOMMODATE THE TRAFFIC ON HALF-WIDTHS OF THE ROAD ONLY DURING DAYLIGHT HOURS.
2. AT NIGHT THE ROAD SHALL BE OPEN TO TWO-WAY TRAFFIC AND NO EXCEPTION SHALL BE ALLOWED.

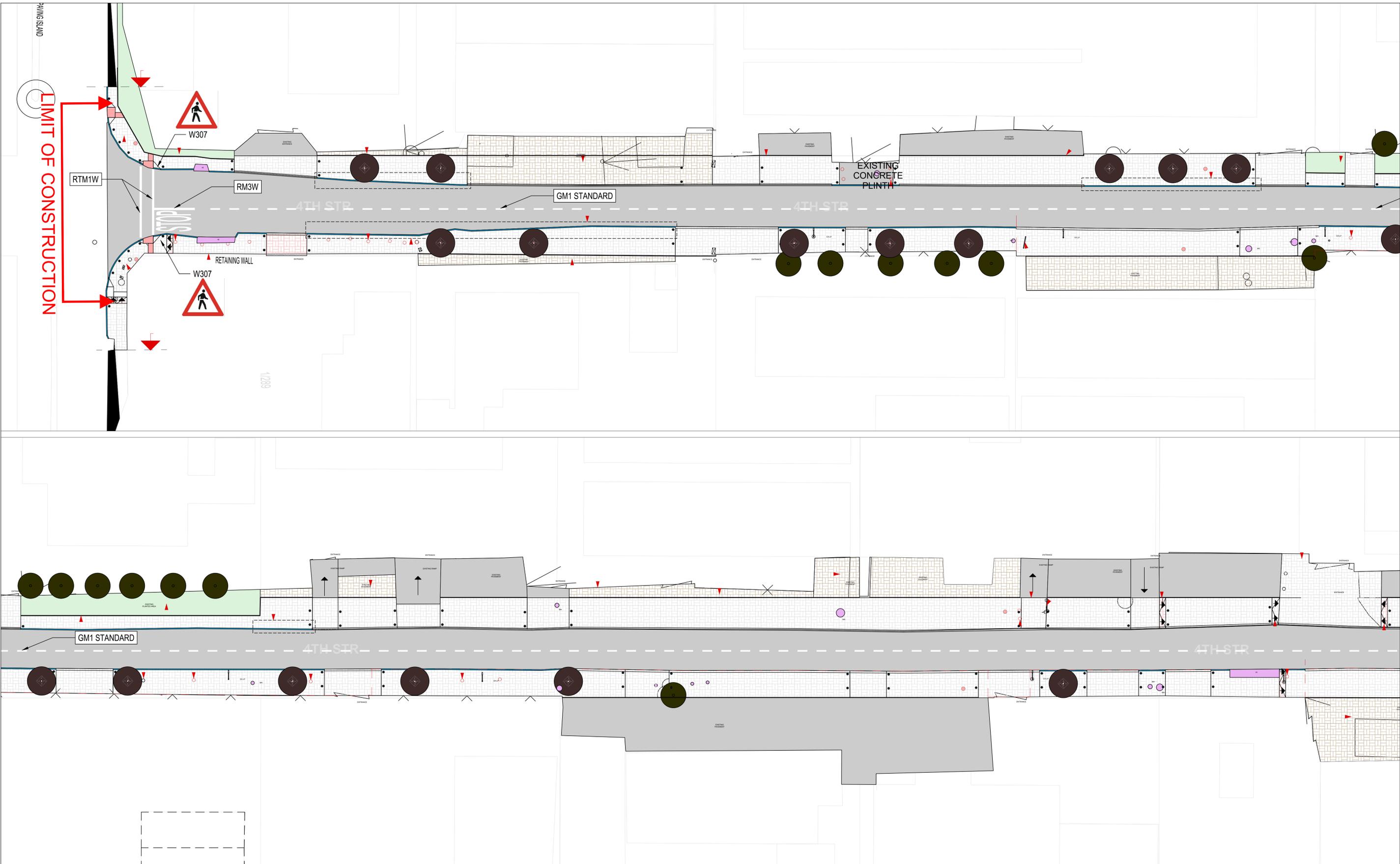
SIGN SEQUENCE FOR STOP / GO OPERATION FOR LANE AND SHOULDER CLOSURE ON SINGLE CARRIAGEWAY ROADS



MAXIMUM SPEED LIMITS
THE MAXIMUM SPEED LIMIT SHALL BE CONSISTENT WITH THE PREVAILING CONDITIONS OF THE DEVIATION IN TERMS OF ROAD SAFETY REQUIREMENTS

SIGN SEQUENCE FOR WORK ON SHOULDERS ON SINGLE CARRIAGEWAY ROADS

CLIENT'S DETAILS  3 Helen Joseph NEWTOWN, JOHANNESBURG 2000 JOHANNESBURG DEVELOPMENT AGENCY	REVISIONS <table border="1"> <thead> <tr> <th>NR</th> <th>DATE</th> <th>APPROVED</th> <th>DESCRIPTION</th> <th>PAR</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>25/01/2023</td> <td>JKM</td> <td>ORIGINAL</td> <td></td> </tr> </tbody> </table>	NR	DATE	APPROVED	DESCRIPTION	PAR	0	25/01/2023	JKM	ORIGINAL		NOTES: <ol style="list-style-type: none"> 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SABS 1200 STANDARDIZED SPECIFICATIONS AND THE PROJECT SPECIFICATIONS. 2. PRIOR TO THE START OF CONSTRUCTION, ALL SERVICES WHICH ARE TO BE CROSSED MUST BE EXPOSED BY HAND TO CONFIRM THEIR POSITIONS AND LEVELS. ANY DISCREPANCY IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. 3. A FULL SET OF MATERIAL TESTS (COMPACTION, CBR & UCS) REFLECTING COMPLIANCE WITH THE SPECIFICATIONS IS TO BE SUBMITTED TO THE ENGINEER FOR ONWARD TRANSMISSION TO THE EMPLOYER. 4. INTERSECTION SERVICES TO BE EXPOSED. POSITIONS RECORDED AND ANY CLASHES IN POSITION WITH THE WORKS TO BE REPORTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. 	CONSULTANT'S DETAIL  KABE CONSULTING ENGINEERS 218 Dr VAN DER MERWE DRIVE MONTANA PARK 0182 Tel: 087 809 0982 Fax: 086 516 4728 e-mail: info@kabe.co.za	DESIGNED NAME: AMN NDIWA SIGNATURE: DATE: DRAWN NAME: AMN NDIWA SIGNATURE: DATE: CHECKED NAME: JK MOLOISANE Prof Reg No: 201470015 SIGNATURE: DATE: INFORMATION OFFICE CHECKED NAME: TG MOENG SIGNATURE: DATE: DESIGN OFFICE APPROVAL NAME: JK MOLOISANE Prof Reg No: 201470015 SIGNATURE: DATE:	CONTRACT No. JDA.10.198.A.2022 PROJECT No. - SHEET No. 01 of 01 PAPER SIZE A1 SCALE NTS DATE: 13/04/2023	LOCATION OF PROJECT WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO. DESCRIPTION OF PROJECT: WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES DRAWING DESCRIPTION. TEMPORARY ROAD TRAFFIC MANAGEMENT PLAN DRAWING No. JDA - TMP - 001 - V00 - C	PROJECT STATUS <table border="1"> <tr> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>INCEPTION</td> <td>DESIGN DEVELOPMENT</td> <td>TENDER DRAWING</td> <td>APPROVED CONSTRUCTION DRAWING</td> <td>AS BUILT DRAWING</td> </tr> </table> PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA): NAME: _____ SIGNATURE: _____ Prof Reg No. _____ DATE: _____ INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY: NAME: _____ SIGNATURE: _____ DATE: _____	<input type="radio"/>	INCEPTION	DESIGN DEVELOPMENT	TENDER DRAWING	APPROVED CONSTRUCTION DRAWING	AS BUILT DRAWING				
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CLIENT'S DETAILS



JDA
Johannesburg Development Agency

3 Helen Joseph
NEWTOWN, JOHANNESBURG
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JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS					
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CONSULTANT'S DETAIL



KABE
CONSULTING ENGINEERS

218 Dr VAN DER MERWE DRIVE
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Tel: 087 809 0982
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PROJECT No.
-

SHEET No.
01 of 03

PAPER SIZE
A1

SCALE
1:1000

DATE:
13/04/2023

LOCATION OF PROJECT
WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.

DESCRIPTION OF PROJECT:
WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES

DRAWING DESCRIPTION.
ROAD SIGNS & MARKING 01

DRAWING No.
JDA - RSM - 001 - V00 - C

PROJECT STATUS

INCEPTION
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 APPROVED CONSTRUCTION DRAWING
 AS BUILT DRAWING

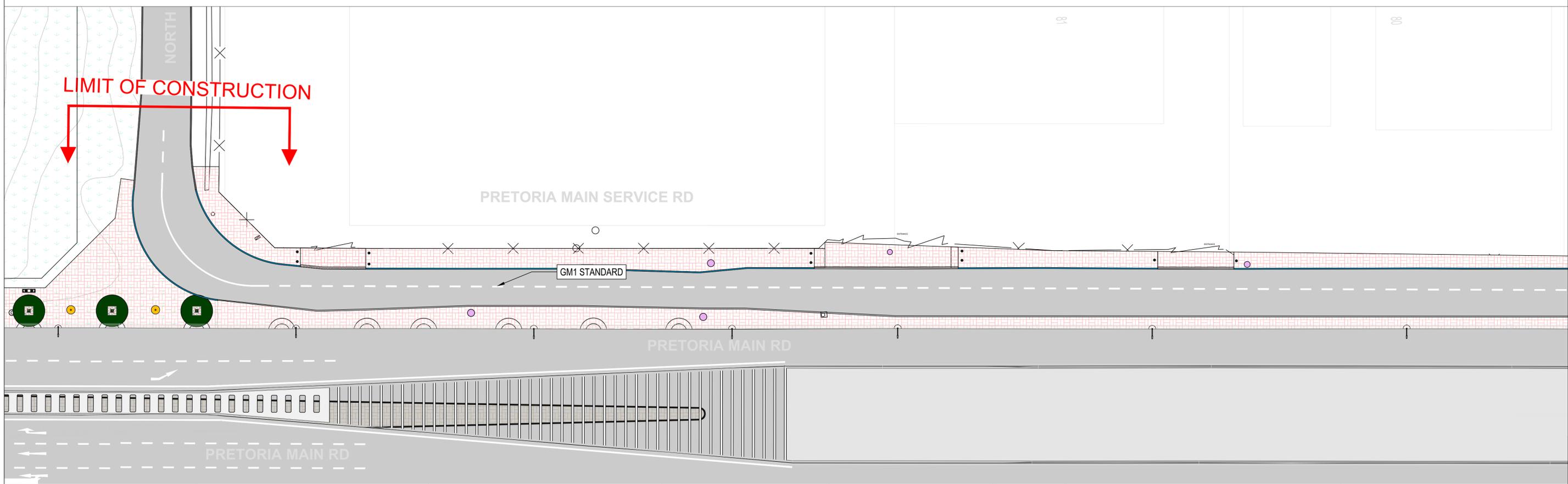
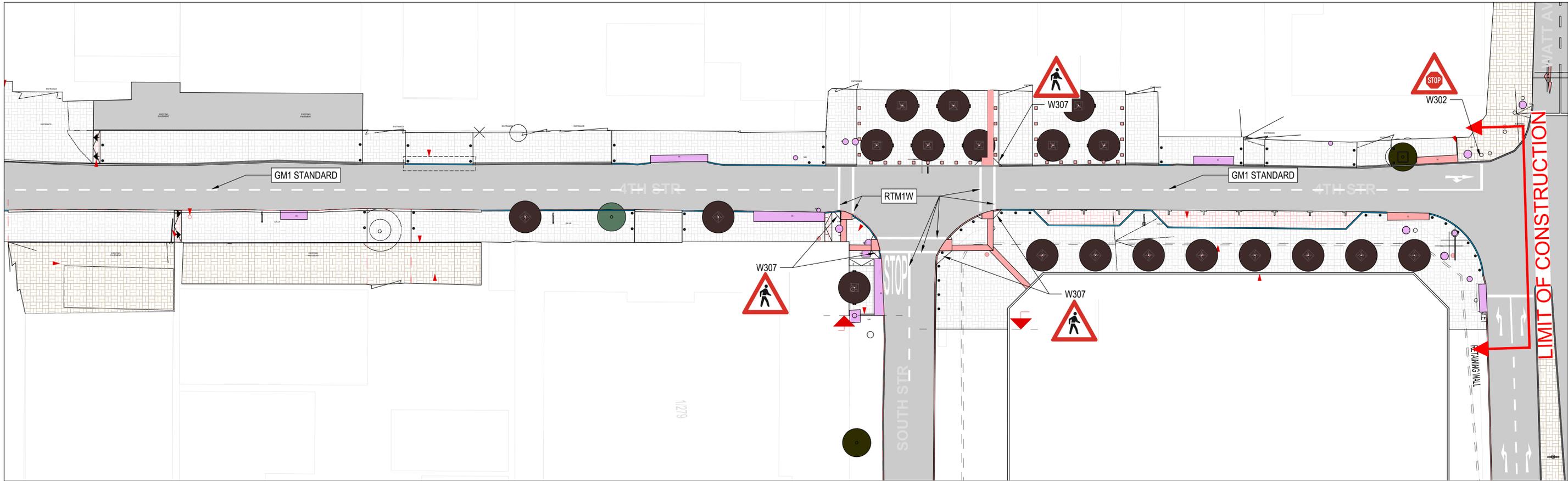
PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):

NAME: _____ SIGNATURE: _____
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CLIENT'S DETAILS



JDA
Johannesburg Development Agency

3 Helen Joseph
NEWTOWN, JOHANNESBURG
2000
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CONSULTANT'S DETAIL



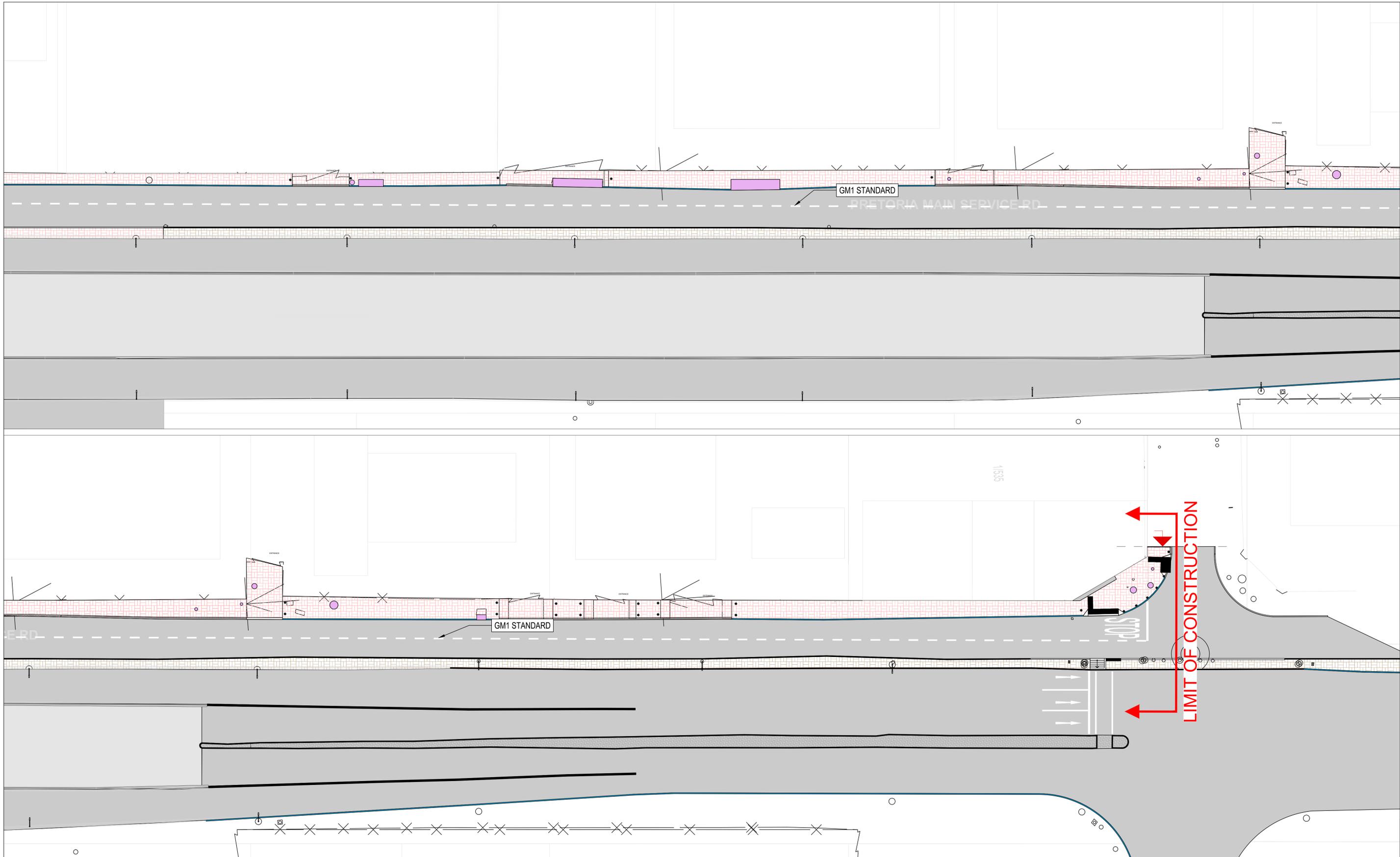
KABE
CONSULTING ENGINEERS

218 Dr VAN DER MERWE DRIVE
MONTANA PARK
0182
Tel: 087 809 0982
Fax: 086 516 4728
e-mail: info@kabe.co.za

DESIGNED NAME: AMN NDIWA SIGNATURE: _____ DATE: _____	CONTRACT No. JDA.10.198.A.2022
DRAWN NAME: AMN NDIWA SIGNATURE: _____ DATE: _____	PROJECT No. -
CHECKED NAME: JK MOLOISANE SIGNATURE: _____ DATE: _____	SHEET No. 02 of 03
INFORMATION OFFICE CHECKED NAME: TG MOENG SIGNATURE: _____ DATE: _____	PAPER SIZE A1
DESIGN OFFICE APPROVAL NAME: JK MOLOISANE SIGNATURE: _____ DATE: _____	SCALE 1:1000
	DATE: 13/04/2023

LOCATION OF PROJECT WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.	PROJECT STATUS
DESCRIPTION OF PROJECT: WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES	
DRAWING DESCRIPTION. ROAD SIGNS & MARKING 02	<input type="radio"/> INCEPTION <input type="radio"/> DESIGN DEVELOPMENT <input type="radio"/> TENDER DRAWING <input checked="" type="radio"/> APPROVED CONSTRUCTION DRAWING <input type="radio"/> AS BUILT DRAWING
DRAWING No. JDA - RSM - 002 - V00 - C	

PROJECT ENGINEER OF JOHANNESBURG DEVELOPMENT AGENCY (JDA):	
NAME _____	SIGNATURE _____
Prof Reg No. _____	DATE _____
INSPECTOR OF WORKS OF JOHANNESBURG DEVELOPMENT AGENCY:	
NAME _____	SIGNATURE _____
NAME _____	DATE _____



CLIENT'S DETAILS



3 Helen Joseph
 NEWTOWN, JOHANNESBURG
 2000
 JOHANNESBURG DEVELOPMENT AGENCY

REVISIONS

NR	DATE	APPROVED	DESCRIPTION	PAR
0	25/01/2023	JKM	ORIGINAL	

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SABS 1200 STANDARDIZED SPECIFICATIONS AND THE PROJECT SPECIFICATIONS.
2. PRIOR TO THE START OF CONSTRUCTION, ALL SERVICES WHICH ARE TO BE CROSSED MUST BE EXPOSED BY HAND TO CONFIRM THEIR POSITIONS AND LEVELS. ANY DISCREPANCY IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER.
3. A FULL SET OF MATERIAL TESTS (COMPACTION, CBR & UCS) REFLECTING COMPLIANCE WITH THE SPECIFICATIONS IS TO BE SUBMITTED TO THE ENGINEER FOR ONWARD TRANSMISSION TO THE EMPLOYER.
4. INTERSECTION SERVICES TO BE EXPOSED. POSITIONS RECORDED AND ANY CLASHES IN POSITION WITH THE WORKS TO BE REPORTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

CONSULTANT'S DETAIL

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 0182
 Tel: 087 809 0982
 Fax: 086 516 4728
 e-mail: info@kabe.co.za

DESIGNED

NAME: AMN NDIWA
 SIGNATURE: _____ DATE: _____
 DRAWN
 NAME: AMN NDIWA
 SIGNATURE: _____ DATE: _____
 CHECKED
 NAME: JK MOLOISANE Prof Reg No.: 201470015
 SIGNATURE: _____ DATE: _____
 INFORMATION OFFICE CHECKED
 NAME: TG MOENG
 SIGNATURE: _____ DATE: _____
 DESIGN OFFICE APPROVAL
 NAME: JK MOLOISANE Prof Reg No.: 201470015
 SIGNATURE: _____ DATE: _____

CONTRACT No.

JDA.10.198.A.2022
 PROJECT No. -
 SHEET No. 03 of 03
 PAPER SIZE A1
 SCALE 1:1000
 DATE: 13/04/2023

LOCATION OF PROJECT

WYNBERG, CITY OF JOHANNESBURG, REGION E OF METRO.
 DESCRIPTION OF PROJECT:
 WATT STREET PRECINCT (WYNBERG) PUBLIC ENVIRONMENT UPGRADES
 DRAWING DESCRIPTION:
 ROAD SIGNS & MARKING 03
 DRAWING No.
 JDA - RSM - 003 - V00 - C

PROJECT STATUS

<input type="radio"/> INCEPTION	<input type="radio"/> DESIGN DEVELOPMENT	<input type="radio"/> TENDER DRAWING	<input checked="" type="radio"/> APPROVED CONSTRUCTION DRAWING	<input type="radio"/> AS BUILT DRAWING
PROJECT ENGINEER of JOHANNESBURG DEVELOPMENT AGENCY (JDA):				
NAME _____		SIGNATURE _____		
Prof Reg No. _____		DATE _____		
INSPECTOR OF WORKS of JOHANNESBURG DEVELOPMENT AGENCY:				
NAME _____		SIGNATURE _____		
DATE _____		DATE _____		



REVISION