

WLMS Application: RW2425-1960



RAND WATER

WLMS Application RW2425-1960

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DMC CONSULTING ENGINEERS
**DEVELOPMENT MANAGEMENT &
ENGINEERING CONSULTANTS INC**

CELL NO: 082 456 6407

EMAIL: edwardmakola63@gmail.com

 489 Clarence Drive, Constantia Park,
Pretoria

Reg. No.: 2002/017852/07

WAYLEAVE APPLICATION**ERF 1805 BRYANSTON – 69 ST AUDLEY ROAD**

Our Ref: 2446 LA

Date: 11/11/2024

Utility	For Attention	Contact Details	Response Date	Affected Yes/ No
Johannesburg Water (Pty) Ltd	Wayleaves	By hand		
Johannesburg Roads Agency	Services	servicesinfo@jra.org.za		
City Power (Pty) Ltd	Wayleaves	wayleaves@citypower.co.za		
Eskom	Wayleaves	wayleaveJHB@eskom.co.za		
TELKOM (Open Serve)	Wayleaves	PKM@openserve.co.za		
SASOL	Wayleaves	wayleaves@sasol.com		
Rand Water	Wayleaves	Online web-based system		
EGOLI Gas (Pty) Ltd	Wayleaves	wayleaves@egoligas.co.za		
City Parks	Wayleaves	hmasiela@jhbcityparks.com		
Liquid Telecom	Wayleaves	wayleaves.gauteng@liquidtelecom.co.za		
Dark Fibre Africa	Wayleaves	services@dfafrica.co.za		
MTN	Wayleaves	Way.Leaves@mtn.com		
Metropolitan Trading	Wayleaves	wayleaves@mtc.joburg.org.za		
Transnet	Wayleaves	Thami.Hadebe@transnet.net		
Link Africa	Wayleaves	link.coj@linkafrica.co.za		

We herewith apply for wayleave:

- To install a 2m wide sidewalk along the street frontage of the subject property in ST Audley Road road reserve as indicated on drawing 2446/100.
- To construct an access bellmouth to the subject property off ST Audley Road road reserve as indicated on drawing 2446/100.
- To install a 32mm dia. Water connection pipe ($\pm 13\text{m}$) in ST Audley Road road reserve (Directional drilling) as indicated on drawing 2446/200
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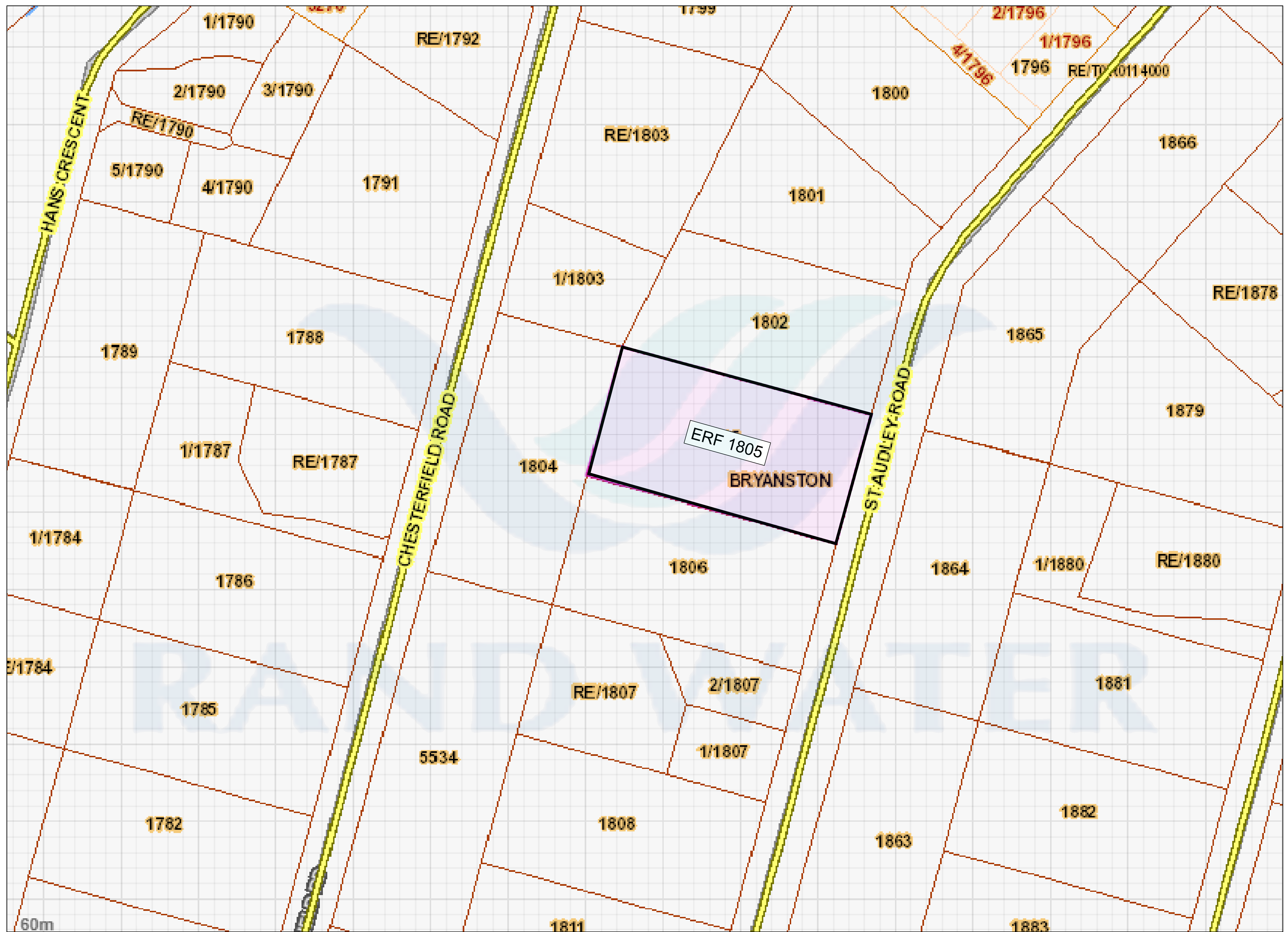
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IF NO RESPONSE HAVE BEEN RECEIVED WITHIN 21DAYS FROM THE DATE OF APPLICATION, WE ACCEPT THAT NO SERVICES ARE AFFECTED. THEREFORE, DUE TO THE SERVICE PROVIDER'S FAILURE TO RESPOND TO THE WAYLEAVE APPLICATION, WE WILL NOT BE HELD LIABLE FOR ANY DAMAGE TO SERVICES DURING CONSTRUCTION.

Yours faithfully

P. ALBERTYN

DMC Consulting Engineers (Pty) Ltd



LOCALITY PLAN

EXISTING STORMWATER

PROPOSED STORMWATER

MANHOLE

KERB INLET

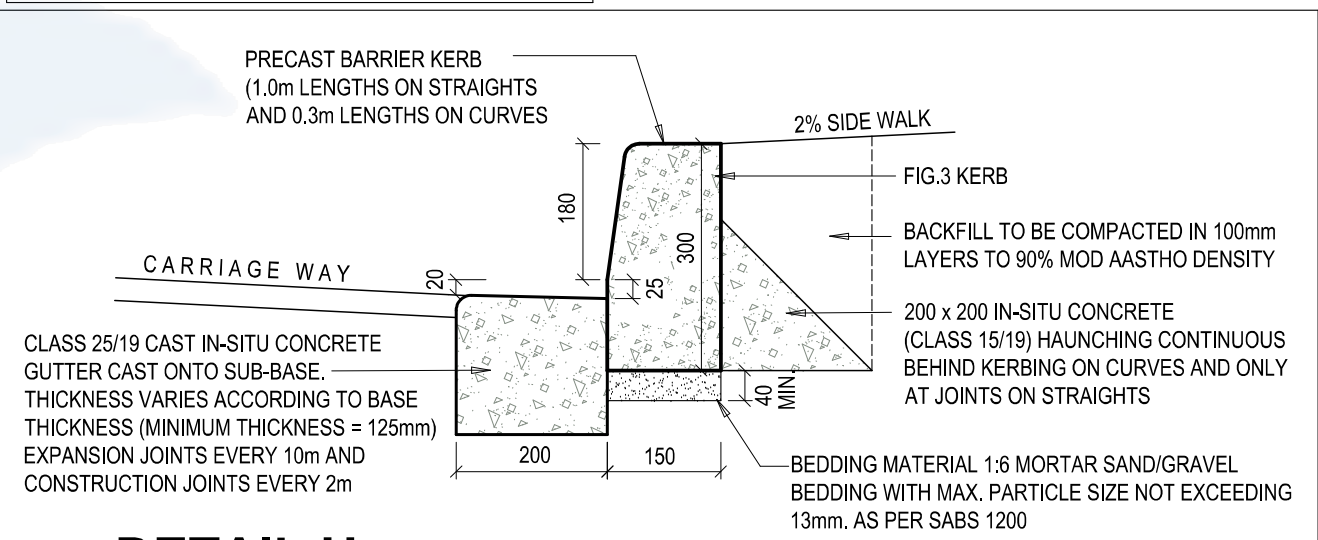
GRID INLET

FIELD INLET

HEAD WALL

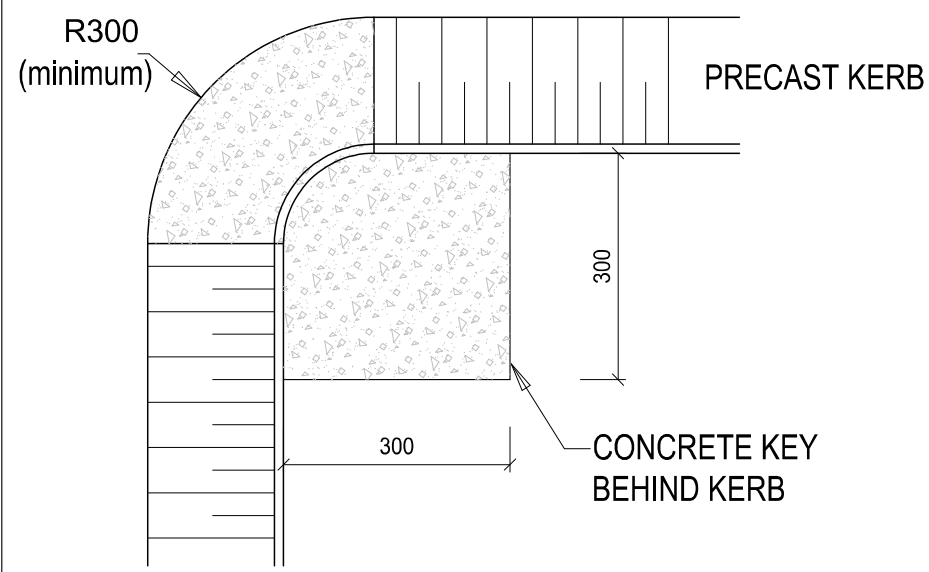
1. SEE TYPICAL DETAIL DRAWING FOR ALL ROADS AND STORMWATER DETAILS.
2. ALL STORMWATER INLETS AND OUTLETS TO BE COVERED WITH VERMIN PROOF GRATING.
3. ALL KERBS FIG. UNLESS OTHERWISE INDICATED.
4. PROVIDE BALUSTRADES AT ALL LEVEL DIFFERENCES EXCEEDING 1m ACCORDANCE WITH SABS 10400.
5. ALL CONSTRUCTION WORK AND MATERIAL TO SABS 1200 AND SANS 1936-3:2012 SPECIFICATION AND SPECIFIC REQUIREMENTS OF THE COUNCIL.

1. KERBS - GENERAL
- 1.1 Refer to Table A for the usage of kerbs
- 1.2 The 20mm lip on all kerbs is applicable to all paved roads except where block or concrete paving is used.
- 1.3 Also refer to Section 503 of the Standard Specifications for Municipal Civil Engineering Works, 3rd Edition, 2005.
2. CAST IN-SITU CONCRETE
- 2.1 Concrete to be class B19.19.
- 2.2 Concrete to be cured for a minimum period of 7 days.
- 2.3 All concrete to be used for sloping kerbs or edge beams shall have a slump not greater than 60mm.
- 2.4 Where there is a difference between the top of the subgrade and the bottom of the cast in-situ kerbs of less than 75mm such difference shall be made up with the same concrete as specified for the kerb, otherwise compacted subbase material shall be used.
- 2.5 The use of a machine to place cast in-situ kerbs must first be approved by the Engineer.
3. PRECAST KERBS
- 3.1 All precast kerbs shall comply with the requirements of SANS 927.
- 3.2 The bedding material on which precast kerbing is constructed shall be according to the Standard Specification for Municipal Civil Engineering Works, 3rd Edition, 2005.

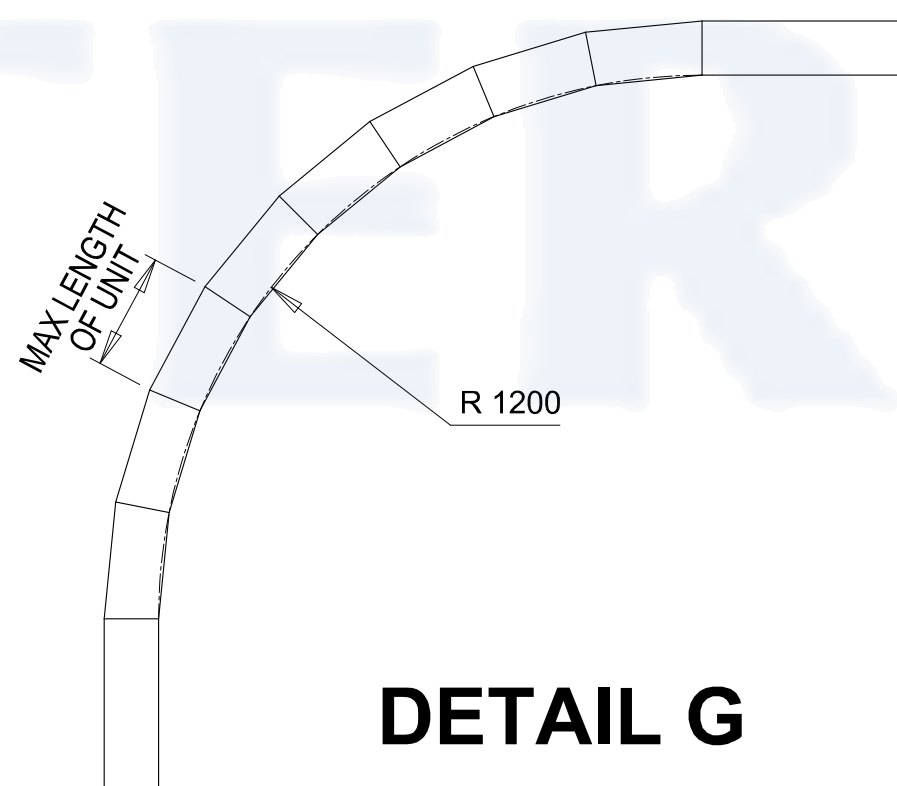


DETAIL U

DETAIL OF BARRIER KERB (FIG.3) WITH GUTTER



DETAIL OF KERB NOSING



DETAIL OF KERBS AT CORNERS

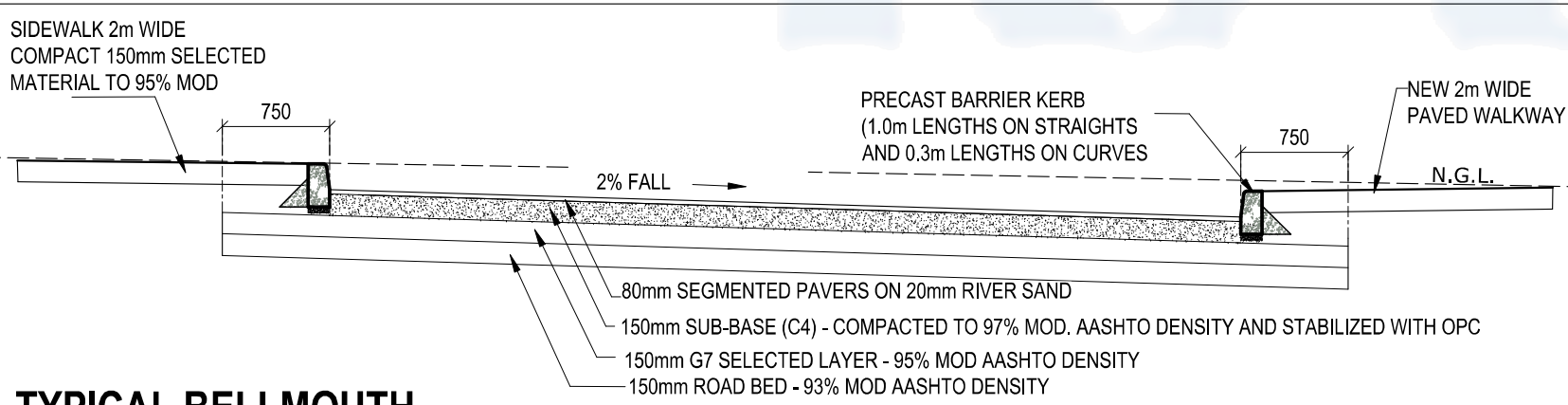
NOTES:

1. ALL KERB RADII SMALLER THAN 1m TO BE CAST IN SITU AS SHOWN.
 2. ALL CONCRETE GROUTING OF JOINTS TO BE MADE WITH FRESHLY MIXED 1:3 CEMENT:SAND/MORTAR.
 3. KERB NOSING TO BE CAST WITH 25 MPa 13mm GRAVEL CONCRETE MIX. CONCRETE TO BE CURED FOR 7 DAYS BY COVERING WITH PLASTIC SHEETING.
 4. ALL KERBS TO BE COVERED WITH PAPER DURING PRIMING AND ROAD MARKING OPERATIONS.
 5. CRACKED, CHIPPED OR OTHERWISE DAMAGED KERBS MUST BE DISCARDED.
 6. KERBS TO BE LAID IN ACCURATELY AND WITHIN THE TOLERANCES GIVEN IN TABLE B.
 7. THE ENGINEER WILL INSPECT THE LAYING OF KERBS AT REGULAR INTERVALS
- APPROVAL TO CONTINUE WITH KERBING WILL BE GIVEN AFTER EACH INSPECTION BY WAY OF SITE INSTRUCTION. POOR QUALITY WORK MAY NOT BE REPAIRED IN ISOLATED AREAS. KERBS WILL BE RELAID IN LENGTHS OF 5m MINIMUM.
- INSPECTION OF KERBS WILL BE REQUIRED AS FOLLOWS:
- 7.1 PREPARATION OF FOOTING
 - 7.2 COMPLETION OF CONCRETE BEDDING
 - 7.3 COMPLETION OF KERB LAYING
 - 7.4 COMPLETION OF HAUNCHING BEHIND KERBS
 - 7.5 COMPLETION OF COMPACTED BACKFILL
8. ALL KERBING MUST BE COMPLETED BEFORE PAVING MAY COMMENCE.
 9. NO CONSTRUCTION TRAFFIC WILL BE ALLOWED IN COMPLETED AREAS. THE ENGINEER WILL CONDEMN ALL WORK WHERE CONSTRUCTION DAMAGE IS EVIDENT.
 10. FINISHED PRODUCT WILL ONLY BE ACCEPTED WITH NEW UNMARKED MATERIALS.

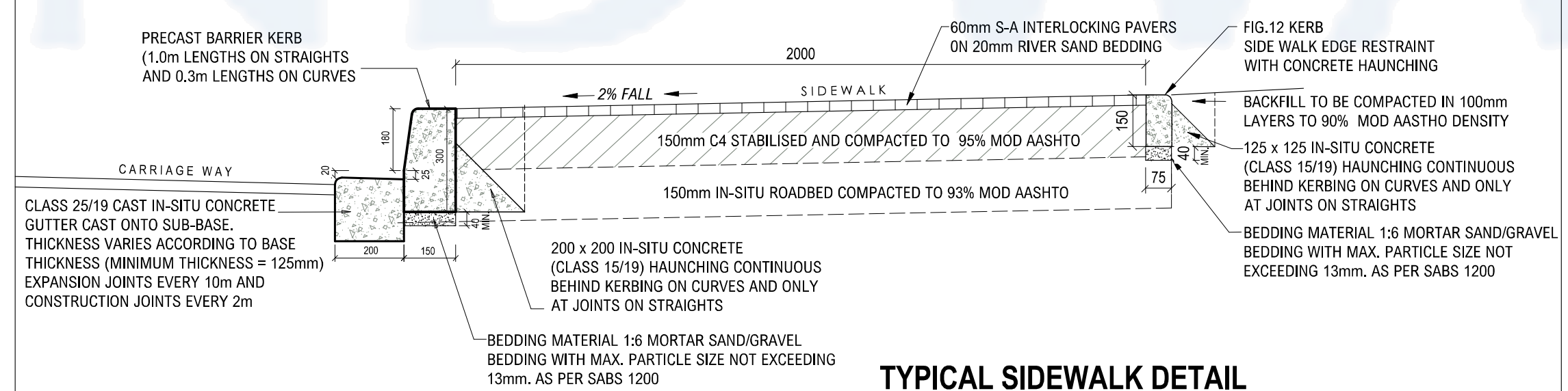
SIZE OF UNITS AROUND KERB RADII		
RADIUS		NOMINAL LENGTH OF UNIT
OVER	UP TO	
1m	4m	0.3m
4m	20m	0.5m
20m		1.0m

DETAIL G

TYPICAL BELLMOUTH CROSS SECTION PAVEMENT SURFACES



TYPICAL SIDEWALK DETAIL

[illegible]

dmc

CONSULTING ENGINEERS

DEVELOPMENT MANAGEMENT
ENGINEERING CONSULTANTS

Reg. No 2002/017852/07

489 CLARENCE DRIVE,
CONSTANTIA PARK, 0181

CELL : 082 456 6407
EMAIL : pleter.dmcgroup@gmail.com

ENGINEER: _____ P ALBERTYN Pr Tech Eng
PR.ENG. NUMBER: _____ 201670142
SIGNED: _____ *P. Albertyn*
CONSULTANTS DRAWING No. _____
2446 / 100

JOHANNESBURG ROADS AGENCY
ERF 1805 BRYANSTON
ROADS & STORMWATER

REZONING & SUB-DIVISION

Computer
Ref. No.
2446.dwg
100 RDS & SW

Issued : 07 Nov 2024
Printed : 08 Nov 2024

Scale

1 : 250
(A1)

EO: Roads and
Stormwater :
Technical Services

Date _____

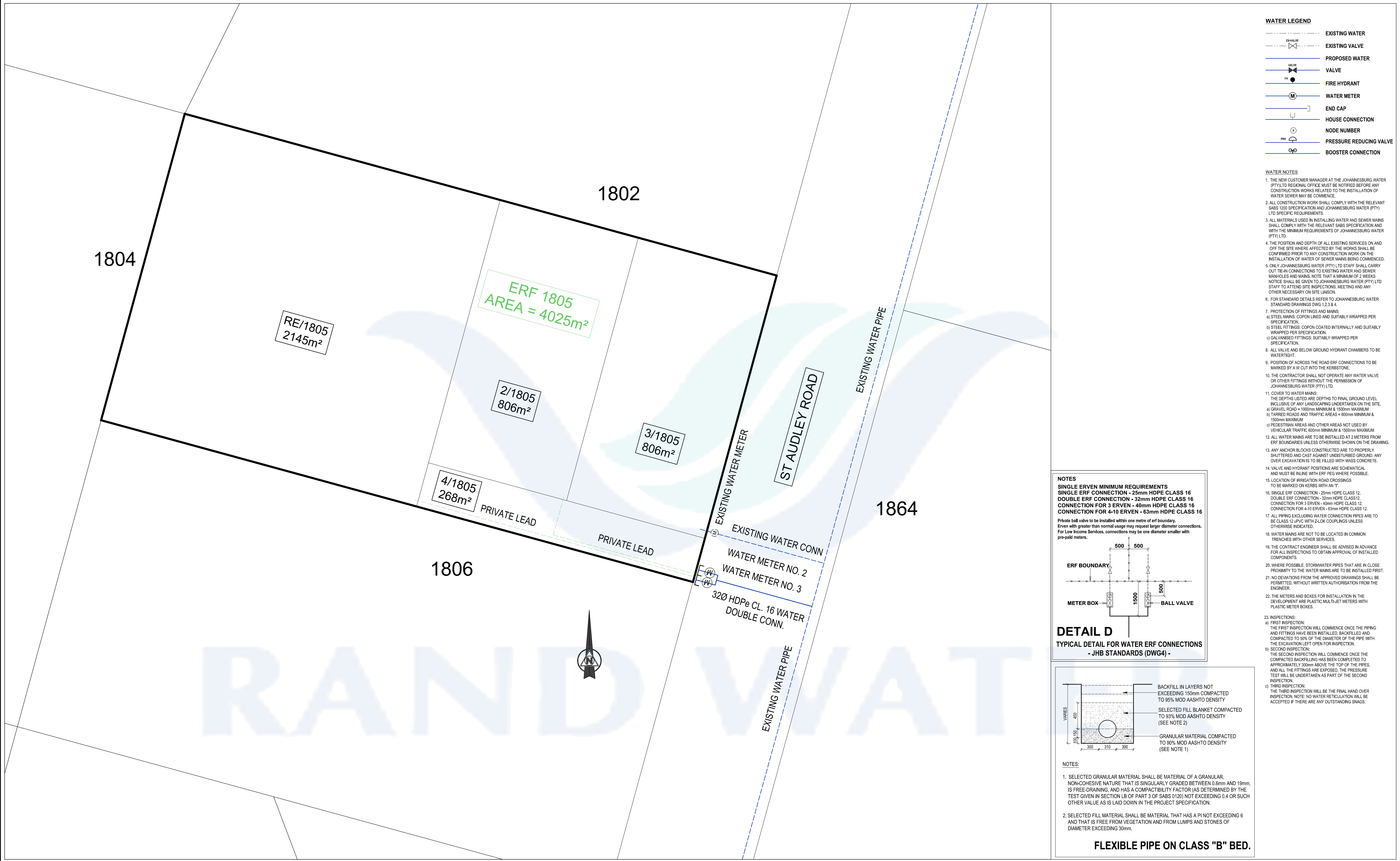
Designed: P ALBERTYN

Drawn by: E MAKOLA

Checked by

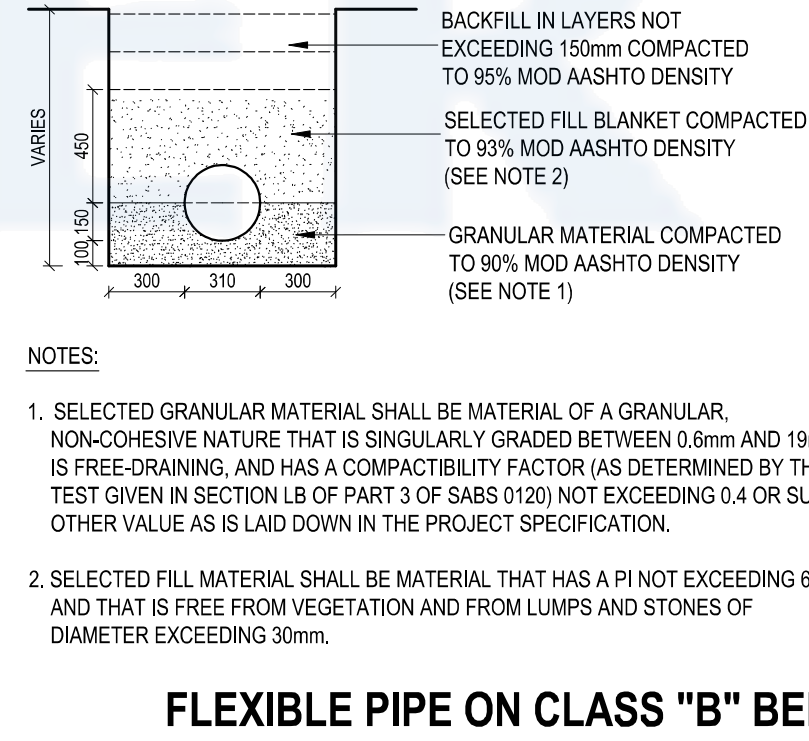
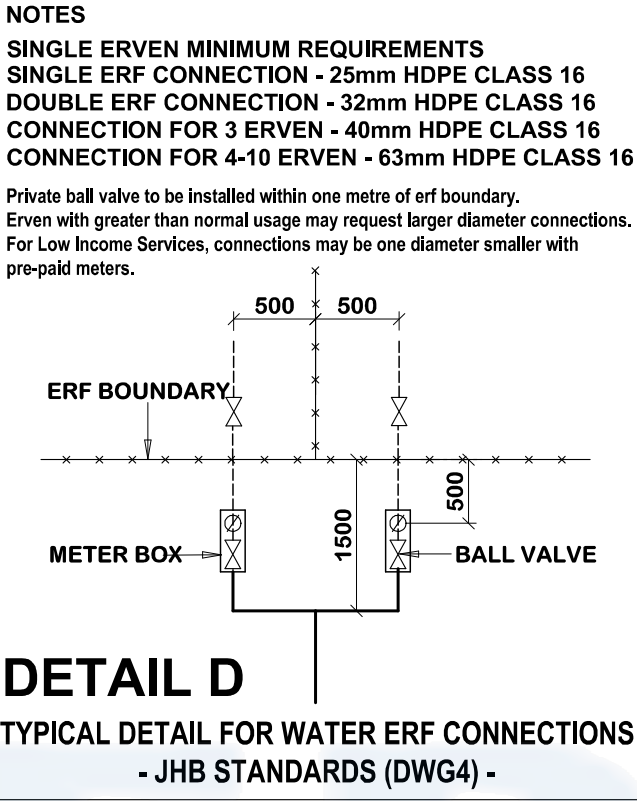
Client ref:



Drawing No.



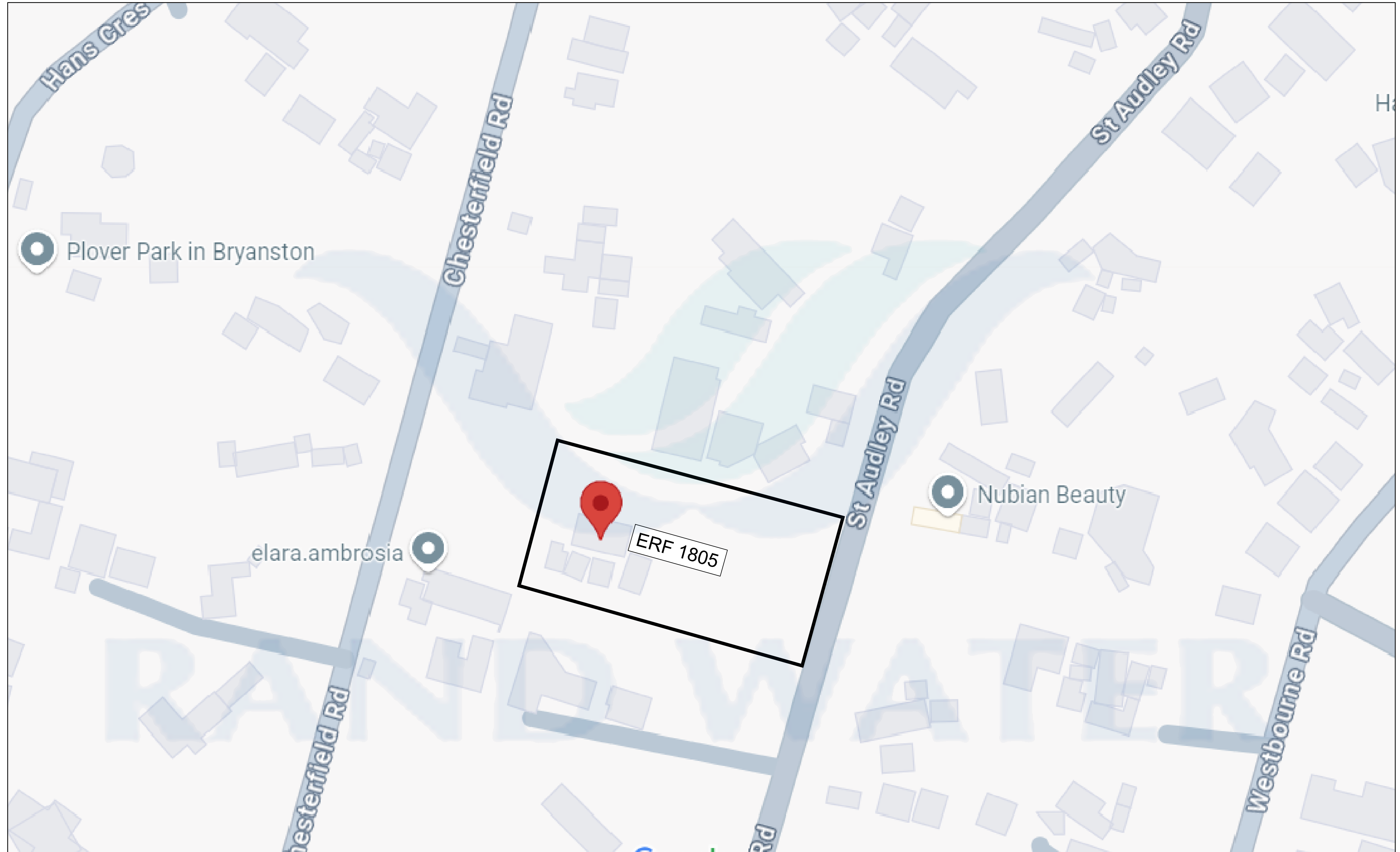
- WATER LEGEND**
- EXISTING WATER
 - EXISTING VALVE
 - PROPOSED WATER
 - VALVE
 - FIRE HYDRANT
 - WATER METER
 - END CAP
 - HOUSE CONNECTION
 - NODE NUMBER
 - PRESSURE REDUCING VALVE
 - BOOSTER CONNECTION

- WATER NOTES**
- THE NEW CUSTOMER MANAGER AT THE JOHANNESBURG WATER (PTY) LTD REGIONAL OFFICE MUST BE NOTIFIED BEFORE ANY CONSTRUCTION WORKS RELATED TO THE INSTALLATION OF WATER SEWER MAY BE COMMENCED.
 - ALL CONSTRUCTION WORK SHALL COMPLY WITH THE RELEVANT SABS 1200 SPECIFICATION AND JOHANNESBURG WATER (PTY) LTD SPECIFIC REQUIREMENTS.
 - ALL MATERIALS USED IN INSTALLING WATER AND SEWER MAINS SHALL COMPLY WITH THE RELEVANT SABS SPECIFICATION AND WITH THE MINIMUM REQUIREMENTS OF JOHANNESBURG WATER (PTY) LTD.
 - THE POSITION AND DEPTH OF ALL EXISTING SERVICES ON AND OFF THE SITE WHERE AFFECTED BY THE WORKS SHALL BE CONFIRMED PRIOR TO ANY CONSTRUCTION WORK ON THE INSTALLATION OF WATER OF SEWER MAINS BEING COMMENCED.
 - ONLY JOHANNESBURG WATER (PTY) LTD STAFF SHALL CARRY OUT TIE-IN CONNECTIONS TO EXISTING WATER AND SEWER MANHOLES AND MAINS. NOTE THAT A MINIMUM OF 2 WEEKS NOTICE SHALL BE GIVEN TO JOHANNESBURG WATER (PTY) LTD STAFF TO ATTEND SITE INSPECTIONS, MEETING AND ANY OTHER NECESSARY ON SITE LIAISON.
 - FOR STANDARD DETAILS REFER TO JOHANNESBURG WATER STANDARD DRAWINGS DWG 1.2.3 & 4.
 - PROTECTION OF FITTINGS AND MAINS:
 - STEEL MAINS: COPON LINED AND SUITABLY WRAPPED PER SPECIFICATION.
 - STEEL FITTINGS: COPON COATED INTERNALLY AND SUITABLY WRAPPED PER SPECIFICATION.
 - GALVANISED FITTINGS: SUITABLY WRAPPED PER SPECIFICATION.
 - ALL VALVE AND BELOW GROUND HYDRANT CHAMBERS TO BE WATERTIGHT.
 - POSITION OF ACROSS THE ROAD ERF CONNECTIONS TO BE MARKED BY A W CUT INTO THE KERBSTONE.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER VALVE OR OTHER FITTINGS WITHOUT THE PERMISSION OF JOHANNESBURG WATER (PTY) LTD.
 - COVER TO WATER MAINS: THE DEPTHS LISTED ARE DEPTHS TO FINAL GROUND LEVEL INCLUSIVE OF ANY LANDSCAPING UNDERTAKEN ON THE SITE.
 - GRAVEL ROAD = 1000mm MINIMUM & 1500mm MAXIMUM
 - TARRED ROADS AND TRAFFIC AREAS = 800mm MINIMUM & 1500mm MAXIMUM
 - PEDESTRIAN AREAS AND OTHER AREAS NOT USED BY VEHICULAR TRAFFIC 600mm MINIMUM & 1500mm MAXIMUM
 - ALL WATER MAINS ARE TO BE INSTALLED AT 2 METERS FROM ERF BOUNDARIES UNLESS OTHERWISE SHOWN ON THE DRAWING.
 - ANY ANCHOR BLOCKS CONSTRUCTED ARE TO PROPERLY SHUTTERED AND CAST AGAINST UNDISTURBED GROUND. ANY OVER EXCAVATION IS TO BE FILLED WITH MASS CONCRETE.
 - VALVE AND HYDRANT POSITIONS ARE SCHEMATICAL AND MUST BE LINED WITH ERF PEG WHERE POSSIBLE.
 - LOCATION OF IRRIGATION ROAD CROSSINGS TO BE MARKED ON KERBS WITH AN 'T'.
 - SINGLE ERF CONNECTION - 25mm HDPE CLASS 12.
 - DOUBLE ERF CONNECTION - 32mm HDPE CLASS 12.
 - CONNECTION FOR 3 ERVEN - 40mm HDPE CLASS 12.
 - CONNECTION FOR 4-10 ERVEN - 63mm HDPE CLASS 12.
 - ALL PIPING EXCLUDING WATER CONNECTION PIPES ARE TO BE CLASS 12 UPVC WITH 2-LOCK COUPLINGS UNLESS OTHERWISE INDICATED.
 - WATER MAINS ARE NOT TO BE LOCATED IN COMMON TRENCHES WITH OTHER SERVICES.
 - THE CONTRACT ENGINEER SHALL BE ADVISED IN ADVANCE FOR ALL INSPECTIONS TO OBTAIN APPROVAL OF INSTALLED COMPONENTS.
 - WHERE POSSIBLE, STORMWATER PIPES THAT ARE IN CLOSE PROXIMITY TO THE WATER MAINS ARE TO BE INSTALLED FIRST.
 - NO DEVIATIONS FROM THE APPROVED DRAWINGS SHALL BE PERMITTED WITHOUT WRITTEN AUTHORISATION FROM THE ENGINEER.
 - THE METERS AND BOXES FOR INSTALLATION IN THE DEVELOPMENT ARE PLASTIC MULTI-JET METERS WITH PLASTIC METER BOXES.



CONSULTING ENGINEERS				SURVEYED		CITY OF JOHANNESBURG		DESIGN MANAGER		SCALE		AMENDMENTS		APPR.		DATE		DRAWING NO.			
<div><div>Reg. No 2002/017852/07 489 CLARENCE DRIVE, CONSTANTIA PARK, 0181 CELL : 082 456 6407 EMAIL : pieter.dmcgroup@gmail.com</div></div> <div>CONSULTING ENGINEERS DEVELOPMENT MANAGEMENT ENGINEERING CONSULTANTS</div>				DESIGNED		EM	07/11/24	<div><div>Johannesburg Water</div></div> <div>17 HARRISON STREET MARSHALLTOWN 2107 TEL (011) 688-1400 FAX (011) 688-1521</div>		ERF 1805 BRYANSTON WATER RETICULATION REZONING & SUB-DIVISION		1 : 250 (A1)								2446 / 200	
				DRAWN		EM	07/11/24														
				CHECKED		P ALBERTYN Pr Tech Eng															
				PR. ENG. NO.		201670142															
PROJECT NO.				DRAWING NO.		REVISION		FILE NO.										ISSUED FOR :			
2446				200		0		200 WAT										CONSTRUCTION			
APPROVED				P ALBERTYN Pr Tech Eng														FILE NO.			
PR. ENG. NO.				201670142														CONTRACT NO.			
Signed				Printed : 08 Nov 2024																	
Signed				Issued : 07 Nov 2024																	

<div>CITY OF JOHANNESBURG</div> <div>ERF 1805 BRYANSTON</div> <div>SEWER LAYOUT</div> <div>REZONING & SUB-DIVISION</div>	DESIGN MANAGER	SCALE	AMENDMENTS	APPR.	DATE	DRAWING NO.
	1 : 250 (A1)					2446 / 300
						ISSUED FOR :
					CONSTRUCTION	
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GOOGLE MAPS

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City Parks	Wayleaves	hmasiela@jhbcityparks.com		
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