



NOTES AND SPECIFICATIONS

GENERAL

- 1 ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS.
- 2 ALL DIMENSIONS ARE IN MILLIMETERS. (UNLESS OTHERWISE SPECIFIED)
- 3 DO NOT SCALE FROM THIS DRAWING.
- 4 ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
- 5 ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, THIRD EDITION 2005 AND THE STANDARD CMM DETAIL DRAWINGS.
- 6 THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE ARCHITECT DRAWINGS. (IF APPLICABLE)
- 7 THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4.
- 8 THE SIGNATURE OR INITIALS ON THIS DRAWING, OF ANY MANAGER OF THEROADS & TRANSPORT DEPARTMENT, IN NO WAY REMOVES ANY RESPONSIBILITY WHATSOEVER FROM THE CONSULTANT.
- 9 THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF THE ROADS & TRANSPORT DEPARTMENT HAVE BEEN MET AND ARE COMPLIED WITH.
- 10 FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.

LEGEND: STORMWATER

| PROPOSED: | EXISTING: |
|-------------------|-------------------|
| STORMWATER LINE | STORMWATER LINE |
| MANHOLE (MH) | MANHOLE (MH) |
| JUNCTION BOX (JB) | JUNCTION BOX (JB) |
| KERB INLET (KI) | KERB INLET (KI) |
| FIELD INLET (FI) | FIELD INLET (FI) |

CATCHPIT LENGTH

2/3/2

— TRANSITION LENGTH
— CATCHPIT LENGTH
— TRANSITION LENGTH

| AMENDMENTS | | | | |
|------------|------|----------|-------------|------|
| NR. | DATE | APPROVED | DESCRIPTION | PAR. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

DESIGNED
F.R. MEYER

SIGNATURE: DATE: 2021-07-15

DESIGN CHECKED BY
F.R. MEYER

SIGNATURE: DATE: 2021-07-15

DRAWN
R. RALL

SIGNATURE: DATE: 2021-07-15

INFRASTRUCTURE TECHNICAL INFORMATION
MANAGEMENT
D.J. CHALMERS

SIGNATURE: DATE: 2021-07-15

PROJECT STATUS

| CONCEPT DRAWING | TENDER DRAWING | APPROVED FOR CONSTRUCTION DRAWING | AS BUILT DRAWING |
|-------------------------------------|--------------------------|-----------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

PROJECT ENGINEER (CONSULTANT)
F.R. MEYER
INITIALS AND SURNAME: 950128
PROJECT ENGINEER (CITY OF TSHWANE)
SIGNATURE AND P.I. No.: _____ DATE: 2021-07-15

INITIALS AND SURNAME: _____ SIGNATURE AND P.I. No.: _____ DATE: _____

STRUCTURAL ENGINEER (CITY OF TSHWANE)
INITIALS AND SURNAME: _____ SIGNATURE AND P.I. No.: _____ DATE: _____

OFFICIAL REPRESENTATIVE (CITY OF TSHWANE)
INITIALS AND SURNAME: _____ SIGNATURE AND P.I. No.: _____ DATE: _____

CONSULTANT DETAIL

Consulting Engineers(Pty) Ltd.
P.O. Box 92532
MOOKLOOF 0059
Tel: (012) 809 1101
Fax: (012) 809 1102
e-mail: admin@conic.co.za

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

GROUP HEAD
Mr. LETLONKANE P. (PHEKO)
P.O. BOX 1609
PRETORIA 0001

DIVISIONAL HEAD
Mr. THAGALE M.K.P. (MAVERO)
P.O. BOX 1609
PRETORIA 0001

DRAWING APPROVED BY DIVISIONAL HEAD
Mr. THAGALE M.K.P. (MAVERO)

SIGNATURE: _____ DATE: _____

LOCATION OF PROJECT:

ERF 1781, GARSFONTEIN X08

DESCRIPTION OF PROJECT

REZONING APPLICATION.
STORMWATER IMPACT ASSESSMENT LAYOUT.

| | | |
|----------------------------|----------------------|----------------------------|
| CONTRACT No.: 2977 | PROJECT No.: 2977 | |
| DATE: 2021-07-15 | SCALE: 1:200 | ORIGINAL PAPER SIZE: A1 |
| DRAWING NO: 2977-400-01 | SHEET NO: 1 | REVISION |

STORMWATER

- 1 MINIMUM PIPE DIAMETER TO BE 450mm.
- 2 MINIMUM FALL TO BE 1:150.
- 3 PIPE BEDDING TO BE CLASS B UNLESS OTHERWISE SPECIFIED.
- 4 ALL EXCAVATIONS AND BEDDING MUST BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE LAYING OF ANY PIPES.
- 5 CLEAN EXISTING STORMWATER INLETS AND REPAIR WHERE NECESSARY (IF APPLICABLE)

ABBREVIATIONS: STORMWATER

| | |
|----|------------------|
| SW | STORMWATER |
| KI | KERB INLET |
| JB | JUNCTION BOX |
| MH | MANHOLE |
| FI | FIELD INLET (FI) |
| GI | GRID INLET |

COORDINATE SYSTEM
WGS29

DRAWING_LOCATION