## SITE PLAN VIEW

1 : 2000

### NOTES:

1. THIS DRAWING IS A REPRESENTATION OF WHAT MAY BE EXISTING ON SITE (BY OTHERS). ALL RELEVANT DETAILS ARE TO BE VERIFIED PRIOR TO COMMENCEMENT OF WORK.

EXISTING PIPELINE NOTES:

1. ALL MILD STEEL PIPES TO BE INTERNALLY LINED WITH 3mm THICK POLYURETHANE (SYSTEM E3) AND EXTERNALLY COATED WITH FUSION-BONDED EPOXY.
2. EXPOSED MILD STEEL PIPES TO BE TOP COATED WITH ACRYLIC MODIFIED ALIPHATIC POLYURETHANE.
3. EXPOSED MILD STEEL PIPES TO BE INSTALLED ON THE WESTERN SIDE ADJACENT TO EXISTING FAR WESTERN PIPE ON EXISTING CONCRETE SUPPORTS.
4. DN630 CLASS 10 PE00 HDPE PIPE TO BE USED FOR SLIPLINING.

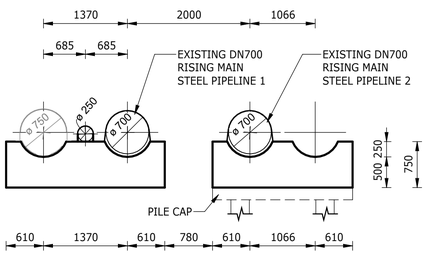
### LEGEND:

= PIPELINE BELOW GROUND (APPROX. HORIZONTAL DISTANCE = 1105m)

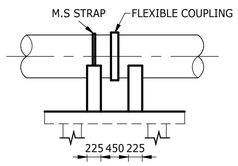
= PIPELINE ABOVE GROUND (APPROX. HORIZONTAL DISTANCE = 595m)

### EXISTING PIPE SUPPORT NOTES:

1. ONE END OF EACH PIPE LENGTH TO HAVE 50x12mm M.S STRAPS BOLTED DOWN ONTO PIER USING ø16mm H.D. BOLTS. (STRAPS TO RECEIVE TWO COATS APPROVED EPOXY TAR PAINT).
2. PIPES TO BE BEDDED ON 700x200x10mm THICK RUBBER INSERTION PADS COMPLYING WITH REQUIREMENTS OF BS1737.



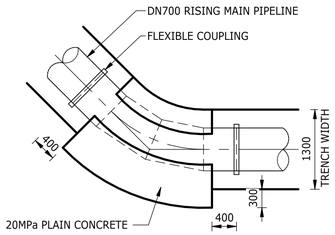

FRONT VIEW



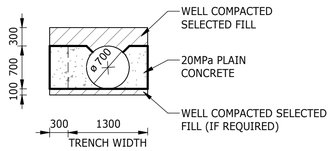

ELEVATION VIEW

## TYPICAL EXISTING PIPE SUPPORTS

1 : 50




PLAN VIEW




SECTIONAL VIEW

## TYPICAL EXISTING ANCHOR BLOCKS

1 : 50

## EXISTING DN700 PIPELINES

## EXISTING SCOUR VALVE

| DEPARTMENT | APPROVED | DESIGNATION | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

0 20,0m 100,0m 200,0m 400,0m
SCALE 1:2000

0 1,00m 2,00m 3,00m 4,00m 5,00m 10,00m
SCALE 1:50


**CONSULTING ENGINEERS**

Royal HaskoningDHV
Enhancing Society Together

Building No. 5 Country Club Estate
21 Woodlands Drive
Woodmead
2191
PO Box 867
Gallo Manor
2052
Tel No. +27 11 798 6000


| | |
|---|---|
| SURVEYED | |
| DESIGNED | BY OTHERS |
| DRAWN | N. O'GORMAN |
| CHECKED | L. NAICKER |
| SERVICES CHECKED | |
| GEOTECHNICAL INVESTIGATION | |
| SERVITUDES | |
| APPROVED | DITHOLO PHOGOLE |
| Pr. Eng.No. | 20060098 |
| DATE | 25 February 2025 |


**JOHANNESBURG WATER (SOC) LTD**

Johannesburg Water

TURBINE HALL
65 NTEMI PILISO STREET
NEWTOWN
EGOLI 2001

TEL: (011) 688-1400
FAX: (011) 688-1529


**CITY OF JOHANNESBURG**

OLIFANTSVLEI WWTW: CONTRACT 1

INFRASTRUCTURE RENEWAL PLAN

EXISTING VAN WYKSRUST RISING MAINS SCHEMATIC LAYOUT AND DETAILS

DESIGN MANAGER

DATE

SCALE: AS SHOWN

| | AMENDMENTS | APPROVED | DATE |
|---|---|---|---|
| C01 | ISSUED FOR TENDER | D. PHOGOLE | FEB 25 |

**DRAWING No.**

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C01