



NOTES

SEWER MANHOLE NOTES:

1.

All precast concrete manhole components to comply with the requirements of SANS1294 (where applicable)

2.

Lengths of individual wall units are to vary in multiples of 250mm.

3.

For details of steel reinforcement to manhole covers,cover slabs and frames - see standard precast details.

4.

Dimension D varies with the diameter of the pipes. Dimension D shall be to a point 50mm above the highest crown of the pipes.

5.

Rendering for manhole benching shall consist of 1 part cement to parts sand thoroughly mixed and applied to concrete surfaces while the latter are still green. rendering shall be at least 20mm thick.

6.

The length of pipe built into the manhole shall not exceed 2.5m.

7.

This drawing to be read in conjunction with standard channeling detail.

8.

Rendering for manhole benching shall consist of 1 part H.A.C. to 2 parts sand thoroughly mixed and applied to concrete surfaces while the latter are still green. Rendering shall be at least 20mm thick.

9.

All pipes built into manholes shall not exceed 1.0m in length, and the adjoining pipe shall not exceed 2.0m in length.

10.

Every uPVC pipe built into a manhole shall have clean dry sand (to SANS 1083 Table 1.) glued to its outside as recommended by pipe manufacturer using special PVC cement to ensure good adhesion

CLIENT

DBSA

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HEADWAY HILL

MIDRAND

1685

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R01

2021-10-19

MANHOLE NUMBERS CHANGED

R00

2021-10-14

ISSUED FOR DETAIL DESIGN.

REV NO.

DATE

DESCRIPTION

REVISIONS

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THE MASTER HELD AT THE PROJECTNEERS CONSULTING MIDRAND OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL.

PROJECT NAME

PROPOSED PROVISION OF ADDITIONAL SCHOOL INFRASTRUCTURE AT GOAKGANYA PRIMARY SCHOOL ON BEHALF OF THE NORTH WEST DEPARTMENT OF EDUCATION (NW DoE)

PROJECT SITE

GOAKGANYA PRIMARY SCHOOL, MADIBENG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

SHEET TITLE

SEWER DETAILS

DISCIPLINE

CIVIL ENGINEERING

CONTRACT NUMBER

RFP 268/2019

FILE NUMBER

ZA2020_2003

DRAWING NUMBER

PUN_ZA_2020_2003_DBSA_GKPS_CE_3001A_R00

ISSUED FOR TENDER