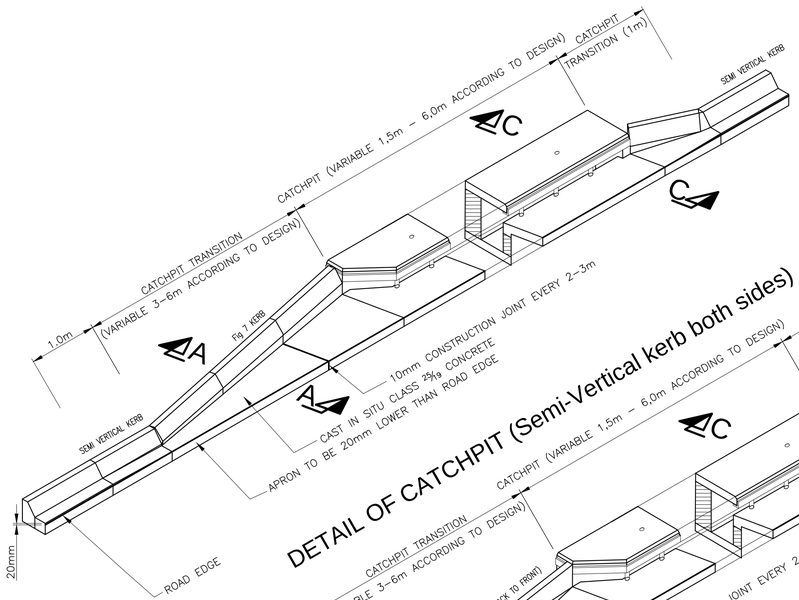
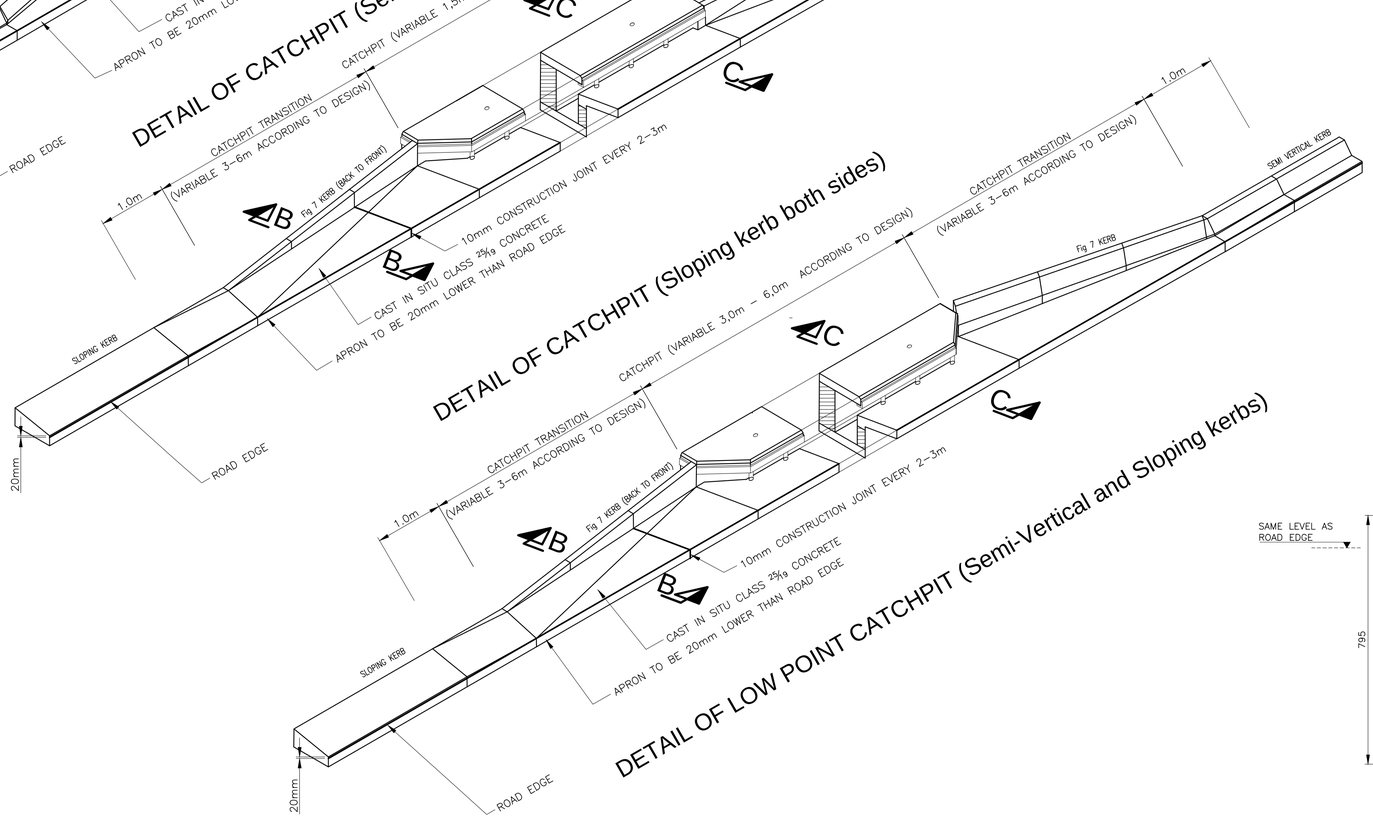


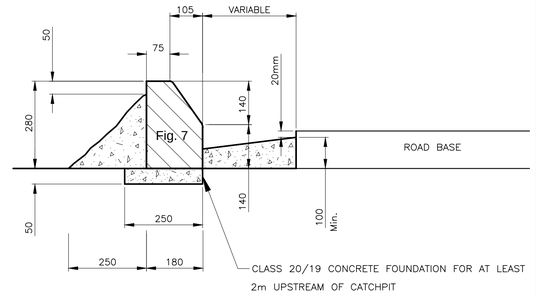

DETAIL OF CATCHPIT (Semi-Vertical kerb both sides)



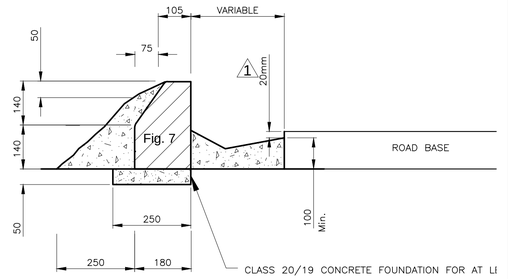

DETAIL OF CATCHPIT (Sloping kerb both sides)



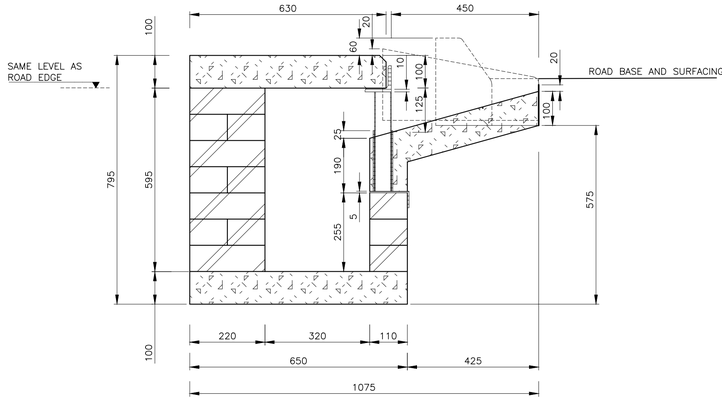

DETAIL OF LOW POINT CATCHPIT (Semi-Vertical and Sloping kerbs)




SECTION A-A




SECTION B-B




SECTION C-C

## NOTES AND SPECIFICATIONS

1. Permission must be obtained from the Engineer as well as from the Roads and Stormwater Division if any other catchpit type is proposed.
2. 'SILT TRAP CATCHPITS' will be specified by the Engineer in areas subject to siltation. 'SILT TRAP CATCHPITS' will be constructed by lowering the catchpit floor with one brick layer and constructing a 170mm high double brick wall at the catchpit outlet.The wall must not be connected to the walls of the catchpit but a 10mm slot must be formed on each side to ensure water seeping through into the junction box . The other levels and dimensions of the catchpit remain the same.

   'SILT TRAP CATCHPITS' will be measured separately from the other catchpits and indicated as such in the Schedule of Quantities.
3. All bricks shall comply with SANS 227 and shall be Engineering Units of Class FBS (Face Brick Standard) with a nominal compressive strength of 12 MPa.
4. Also refer to section 502, 702, 703, 704 and 809 of the Standard Specifications for Municipal Civil Engineering Works, 3rd edition, 2005.

AMENDMENTS

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

DESIGNED: J.G. JANSEN VAN VUUREN Pr.Tech. — SIGNATURE / DATE

DRAWN: S. AUDIE

DESIGN CHECKED BY: P. A. ODENDAAL Pr.Eng. — SIGNATURE / DATE

INFRASTRUCTURE TECHNICAL INFORMATION MANAGEMENT: D.J. CHALMERS — SIGNATURE / DATE

PROJECT STATUS

○ CONCEPT DRAWING ○ TENDER DRAWING ○ APPROVED FOR CONSTRUCTION DRAWING ○ AS BUILT DRAWING

PROJECT ENGINEER ( CONSULTANT)

INITIALS AND SURNAME / SIGNATURE AND Pr. No. / DATE

INSPECTOR OF WORKS (CITY OF TSHWANE):

INITIALS AND SURNAME / SIGNATURE AND Pr. No. / DATE

CONSULTANT DETAIL

CITY OF TSHWANE
ROADS AND TRANSPORT DEPARTMENT

Mr P. I. Letlonkane — STRATEGIC EXECUTIVE DIRECTOR — P.O. BOX 1409 PRETORIA 0001

Ms. L. V. Kegakilwe-Piki — EXECUTIVE DIRECTOR — P.O. BOX 1409 PRETORIA 0001

DRAWING APPROVED BY EXECUTIVE DIRECTOR
Ms. L. V. Kegakilwe-Piki
SIGNATURE: ..... DATE: .....

LOCATION OF PROJECT:

# TYPICAL STANDARD DETAILS

DESCRIPTION OF PROJECT

# CATCHPIT DETAILS:

## ISOMETRIC VIEW AND CROSS SECTIONS

ROADS AND STORMWATER
For Internal Approval

RECIEVED SIGN WHEN APPLICABLE

DIRECTOR: INFRASTRUCTURE PROVISION — SIGNATURE / DATE

DIRECTOR: INFRASTRUCTURE CONSTRUCTION (PROJECT) MANAGEMENT — SIGNATURE / DATE

DIRECTOR: INFRASTRUCTUREASSET MANAGEMENT — SIGNATURE / DATE

DIRECTOR: TRANSPORT INFRASTRUCTURE PLANNING — SIGNATURE / DATE

DIRECTOR: INTELLIGENT TRANSPORT SYSTEN AND TRAFFIC ENGINEERING ENGINEERING — SIGNATURE / DATE

DIRECTOR: INFRASTRUCTURE MAINTENANCE MANAGEMENT (IMM) — SIGNATURE / DATE

0 10 20 40 60 80m
SCALE 1:1000

DRAWING_LOCATION

CONTRACT No. :

PROJECT No. :

DATE : MAY 2013

SCALE : AS SHOWN

ORIGINAL PAPER SIZE: A1

DRAWING NO. STD003

SHEET NO: 1 OF 2

REVISION 0