CASTING OF CONCRETE SLABS
OVER FLEXIBLE PIPES

CAST ON UNDISTURBED SOIL
AS PER ENGINEERS DESIGN

CONCRETE SLAB

100 MIN

150 MIN

CASTING OF CONCRETE SLABS

SOILCRETE PIPE PROTECTION

OVER FLEXIBLE PIPES
TO BE INDICATED BY ENGINEER

OR AS INDICATED BY ENGINEER

STANDARD SABS 1200 A WIDTH
EDGE OF OVER CUT

NOTE:

COMPACTED SELECTED BACKFILL:
COMPUTED TO 95% MOD AASHTO
MATERIAL TO BE USED OR
SHAPE 100 MIN OR AS INDICATED
BY ENGINEER

(MAXIMUM AGGREGATE SIZE TO BE 10mm)

COMPACTED SELECTED BEDDING:
COMPUTED TO 90% MOD AASHTO
MATERIAL TO BE USED OR
SHAPE 100 MIN OR AS INDICATED
BY ENGINEER

(MAXIMUM AGGREGATE SIZE TO BE 15mm)

COMPACTED SELECTED FILL BLANKET:
COMPUTED TO 90% MOD AASHTO
MATERIAL TO BE USED OR
SHAPE 100 MIN OR AS INDICATED
BY ENGINEER

(MAXIMUM AGGREGATE SIZE TO BE 30mm)

SANS 1200 LB 3.3
MATERIAL TO SABS 1200 LB /
COMPACTION TO 93% MOD AASHTO.

COMPACTED SELECTED BACKFILL:

SANS 1200 LB 3.5
MATERIAL TO SANS1200 DB /
COMPACTION 95% MOD AASHTO
(LAST 150mm)

COMPACTED SELECTED FILL BLANKET:

(MAXIMUM AGGREGATE SIZE TO BE 6mm)

SANS 1200 DB 3.5
MATERIAL TO SABS1200 DB /
COMPACTION TO 93% MOD AASHTO.

COMPACTED SELECTED BACKFILL:

(MAXIMUM AGGREGATE SIZE TO BE 63mm)

SANS 1200 DB 3.5
MATERIAL TO SABS1200 DB /
COMPACTION TO 93% MOD AASHTO.

NOTE:

1. ALL PLUMBING AND DRAINAGE WORK AND THE
ASSOCIATED DOWELS AND RELATED DETAILS
TO COMPLY WITH ALL RELEVANT SANS STANDARDS
AND SPECIFICATIONS.

2. PROVIDE IE'S TO ALL BENDS AND RE'S TO ALL
JUNCTIONS AND ANY CHANGE IN GRADIENT AND ALL
RELEVANT LOCAL AUTHORITY REGULATIONS,
FOR PERMISSIBILITY TRENCHING, BEDDING AND
BACKFILLING DETAILS.

3. ALL SOIL PIPES PASSING UNDER BUILDINGS OR
SERVICES ON SITE TO PROTECT SUCH FROM DAMAGE
THROUGH ACCESS PANELS OR OPENINGS.

4. SOIL AND WASTE PIPES UNDER SLAB SOFFITS TO BE
COMPACTED WITH A WATERPROOF MATERIAL SUCH AS
SOILCRETE (1:8 MIX) MAX. FOR TOP
AND/OR VENTS.

5. PROVIDE APPROVED RESEAL TRAPS TO ALL WASTE
VENTS.

Sewer Reticulation Details Sheet 2

1000 MIN UNDER ROADS

SEWER RETICULATION DETAILS SHEET 2

NEW SCHOOL (LSEN: EPILEPSY)
DR. W.K DU PLESSIS SCHOOL

TENDER DRAWINGS

ANITA MENDES

ARCHWAY PROJECTS

DEPARTMENT OF INFRASTRUCTURE DEVELOPMENT

PR NUMBER

DRAWING NUMBER

DRAWING DESCRIPTION

DATE

NAME

REVISIONS

NAME

RESPONSIBLE PROFESSIONAL

DRAWN

CHECKED

ISSUED FOR TENDER

DESIGNER

REVISION:

DATE : 23/9/2017

BUILDING REGULATIONS AND SANS STANDARDS
DIMENSIONS ARE TO BE USED AT ALL TIMES.

1. THIS DRAWING IS NOT TO SCALE, FIGURED
WITH AN OVERFLOW PIPE OUT.

2. ALL PIPE IE'S TO COMPLETELY ACCESSIBLE IN WALLS
WITH AN OVERFLOW PIPE OUT.

3. ALL INTERNAL DRAINAGE INSTALLATIONS INCLUDING
ALL PIPE IE'S TO COMPLETELY ACCESSIBLE IN WALLS
WITH ALL RELEVANT LOCAL AUTHORITY REGULATIONS,
FOR PERMISSIBILITY TRENCHING, BEDDING AND
BACKFILLING DETAILS.

4. QUALITY OF ALL MATERIALS AND WORKMANSHIP TO
COMPLY WITH ALL RELEVANT SANS AND
SPECIFICATIONS.

5. CONTRACTOR TO LOCATE AND IDENTIFY EXISTING
SERVICES ON SITE TO PROTECT SUCH FROM DAMAGE
THROUGH ACCESS PANELS OR OPENINGS.

6. PRECISION DUGGERS TRIM, TRIM TO ALL RADIUS
LINE SETTINGS, THE WAY VIEW VALUES TO STICKER
NOTES