

TABLE :1

REPAIR OF PIPE COATINGS/LININGS		
COATING/LINING	COLOR	REPAIR MEDIUM
COPON KSIR 88	RED/BLUE	COPON HYCOTE 151
FUSION BONDED EPOXY (F.B.E.)	GREEN	COPON HYCOTE 151
FUSION BONDED MEDIUM DENSITY POLYETHYLENE (F.B.M.D.P.E.)	BLACK	COPON HYCOTE 151
COPON	RED	COPON HYCOTE 151
SOLVENT FREE/BORNE EPOXY (S.F.E./S.B.E.)	BLUE/RED/ GREY	COPON HYCOTE 151
CEMENT MORTAR	GREY	EPIDERMIX 338
RILSAN	BLACK	RILSAN REPAIR KIT

SCALE 1:10

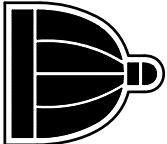
TABLE :2

ITEM No.	DESCRIPTION	DIMENSIONS	QUANTITY
1	50mmø D/FL SPOOL PIECE (1m LONG)		1
2	50mmø FLANGE ADAPTOR TO SUIT		2
3	50mmø x 90° BEND WITH STEEL SPOOL PIECE F.B.E. (SPOOL PIECE LENGTH VARIES-REFER TO NOTE 8)		2
4	50mmø x 90° BEND WITH STEEL SPOOL PIECE 100mm LONG F.B.E.	100	2
5	50mmø DIRT BOX - REFER TO DRAWING 52653 Rev 1	480	1
6	50mmø BULK METER (F.B.E)	200	1

NOTES

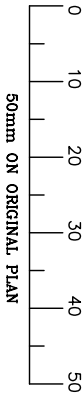
1. EXACT POSITION OF METER INSTALLATION TO BE INDICATED BY ENGINEER.
2. CONTRACTOR TO CONFIRM DIMENSIONS OF ALL NEW STEEL PIPE WORK PRIOR TO FABRICATION AND INSTALLATION.
3. PRIOR TO INSTALLATION ALL FABRICATED PIPE WORK TO BE EXTERNALLY COATED AND INTERNALLY LINED WITH "RILSAN" TO A MINIMUM DRY FILM THICKNESS OF 300 MICRONS.
4. PRIOR TO INSTALLATION AND ASSEMBLY ANY UNCOATED FLANGE FACES TO BE COATED WITH "COPON KSIR88" TO A MINIMUM DRY FILM THICKNESS OF 300 MICRONS.
5. ONCE THE PIPE WORK HAS BEEN INSTALLED ALL DAMAGED STEEL PIPE WORK IS TO BE REPAIRED USING AN APPROVED PROCEDURE AS PER TABLE " REPAIR OF PIPE COATINGS/ LININGS".
6. ALL FLANGE DRILLING TO BE TO SABS 1123 (PN 16).
7. ALL STEEL PIPE TO BE IN ACCORDANCE WITH SABS 62 - MEDIUM BLACK.
8. HEIGHT OF INSTALLATION AT ENGINEERS DISCRETION.
9. CONCRETE BOLLARDS TO BE INSTALLED TO PROTECT INSTALLATION FROM TRAFFIC AS REQUIRED BY ENGINEER (200mm ø x 1m HIGH)
10. CONTRACTOR TO REINSTATE EXCAVATED AREA TO ORIGINAL CONDITION & DISPOSE OF UNSUITABLE, SURPLUS MATERIAL OFF SITE.

ETHEKWINI  
WATER SERVICES



WATER DESIGN BRANCH

REDUCED PLAN USE SCALE BELOW



LEGEND

EXISTING UNDERGROUND SERVICES  
ARE AS SHOWN BELOW.

- SEWERS AND M.H'S
- STORM WATER DRAINS AND M.H'S
- WATER MAINS AND VALVES
- ELECTRICITY CABLES
- TELKOM CABLES
- OIL PIPELINES

Revision	Date	Description
A	JULY 10	ISSUED FOR SIGNATURE

NOTE: No construction work to commence until land and construction conditions have been completed

Acquisitions completed:

Date	Engineer	NORTH	POINT
UNDERGROUND SERVICE	DATE	CHECKED	SIGNATURE
S. W DRAINS			
SEWERS			
WATERMANS	JUNE 02		
TELKOM CABLES			
ELECTRIC CABLES			
S.A.R CABLES			
E.S.C CABLES			
OIL PIPE LINE			

NOTE: Only underground services affected by new construction are shown.  
Care must be taken during excavations for road foundations/trenches etc., to avoid damage to underground services such as sewers, drains, cables, watermains and connections. Wherever possible these must be located before work begins.

Contract No.

Project No.

Planning Unit

Ward No.

Project Title:

STANDARD DRAWING

Drawing Title

50mmø ABLUTION  
BLOCK METER  
CONNECTION

Scales : 1:10

Designed : Date : JULY 2010  
Checked : S.S./N./N Drawn : K.M.H.

Manager : NON REVENUE WATER

Director: HEAD WATER & SANITATION

N.A.Macleod Executive Director

Drawing No. 52833 Sheet 1/1 Rev. A