

NOTE:

1. QUANTITIES REFLECTED IN PARTS LIST ARE FOR ONE COMPLETE MANHOLE: 900 x 600 mm OPENING.
2. MATCHING FRAME AND COVER TO BE CLEARLY IDENTIFIED THROUGH NUMBERING.
3. AFTER FACTORY ASSEMBLY MATCHING FRAME AND COVER TO REMAIN ASSEMBLED FOR DELIVERY TO SITE.
4. THE USE AND ORDER OF THE PATENTED LOCKING DEVICE (ITEM 9) IS SUBJECT TO APPROVAL BY THE DIRECTOR: M/E ENGINEERING

ITEM	DESCRIPTION	QTY	MATERIAL	DETAIL DRG.	ASSEMBLY DRG.	REMARKS
9	PATENTED LOCKING DEVICE	1	STAINLESS STEEL	STANDARD	137079/01 ME	304 L (PATENTED BY B. H. ENTERPRISES)
8	CAP SCREW: M8 x 20 LONG WITH WASHER	2	STAINLESS STEEL	STANDARD	137079/01 ME	304 L
7	WASHER: 27 Ø/Ø x 17 1/Ø x 3 THICK	1	STAINLESS STEEL	STANDARD	137079/01 ME	304 L
6	SPLIT PIN TO SUIT Ø 4 HOLE	1	STAINLESS STEEL	STANDARD	137079/01 ME	304 L
5	LOCKING DEVICE	1	STAINLESS STEEL	137081/01 ME	137079/01 ME	304 L
4	PIN	2	STAINLESS STEEL	137081/01 ME	137079/01 ME	304 L
3	SPACER	1	STAINLESS STEEL	137081/01 ME	137079/01 ME	304 L
2	MANHOLE COVER	1	3CR12 & ST. STEEL	137080/01 ME	137079/01 ME	
1	MANHOLE FRAME	1	3CR12 & ST. STEEL	137080/01 ME	137079/01 ME	

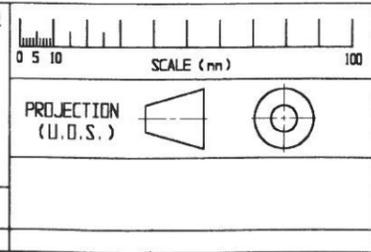
CORROSION PROTECTION FOR UNDERSIDE (INSIDE) OF MANHOLE COVER (ITEM 2) AND MANHOLE FRAME (ITEM 1)

SURFACE PREPARATION:
 REMOVE OIL AND CONTAMINANTS WITH A WATER SOLUBLE DEGREASER OR SOLVENT.
 WASH SURFACES WITH CLEAN WATER TO A "WATER BREAK FREE" SURFACE.
 ROUGH SURFACE WITH NON-METALLIC PAPER OR PADS.
 REMOVE ALL DUST AND DEBRIS BY VACUUM.

APPLICATION:
 APPLY ONE COAT OF MULTIPURPOSE ALUMINIUM MODIFIED EPOXY COATING (CARBOMASTIC 15)
 TO DFT 125-175 MICRONS IN ACCORDANCE WITH THE PRODUCT DATA SHEET.

SURFACE PROTECTION: AFTER FABRICATION ALL 3CR12 AND STAINLESS STEEL ITEMS TO BE PICKLED AND PASSIVATED, EXCEPT FOR SURFACES TO BE COATED

DO NOT SCALE DRAWING



REV. No.	DATE	DESCRIPTION	STGN.

DIRECTORATE: MECHANICAL & ELECTRICAL ENGINEERING

DESIGNED: G. BREED
 DRAWN: G. BREED 11-06-2001
 CHECKED: Breed 12/06/01
 CALCULATIONS FILE: ME/ DM ZZZ-03
 LOCALITY No.: DM ZZZ-03
 TENDER No.:
 CONTRACT No.:

13/6/01
 13/6/01
 13/6/01

REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF WATER AFFAIRS AND FORESTRY
 DIRECTOR GENERAL: H. BULLMAN

TYPE
 TYPE DRAWING:
 STANDARD 900 x 600 mm 3CR12 MANHOLE
 -ASSEMBLY AND PARTS LIST-

PROVINCE:
 OTHER No.:

DISTRICT:
 SHEET 1 OF 3
 REG. No.: 137079/01 ME