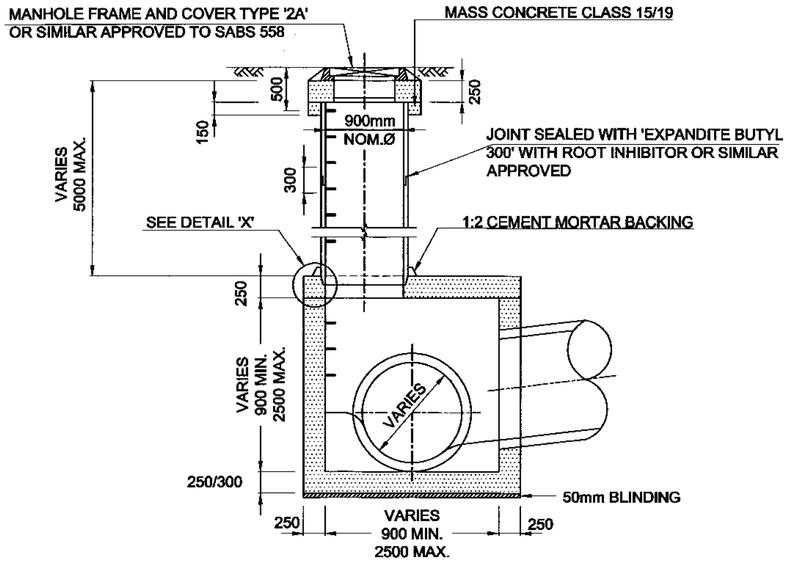
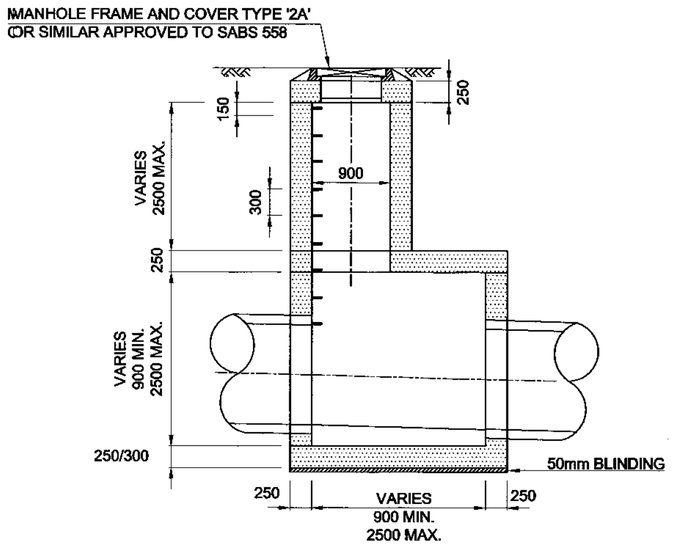
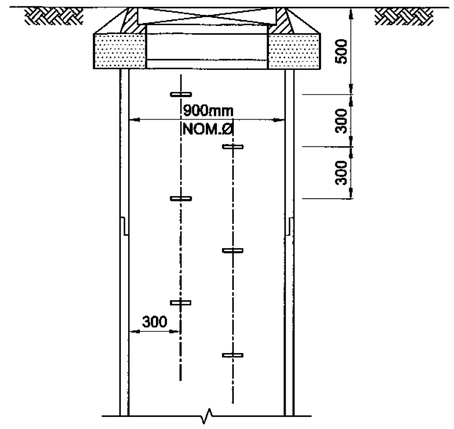


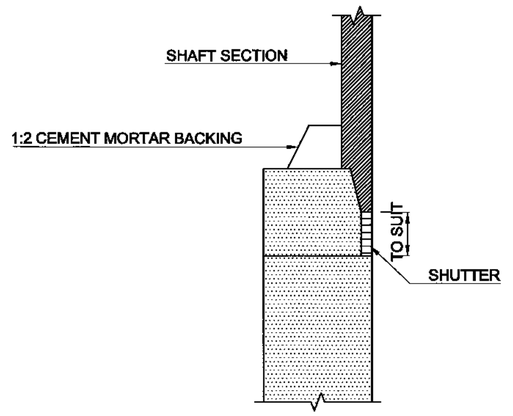
SECTIONAL ELEVATION
SCALE 1:50



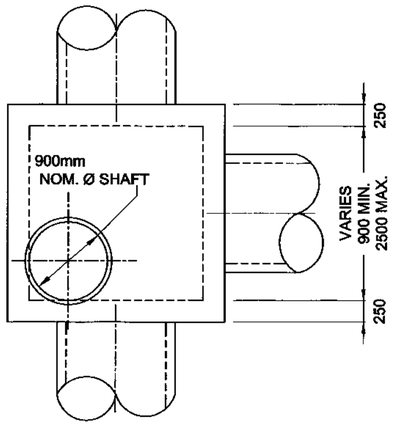
SECTIONAL ELEVATION
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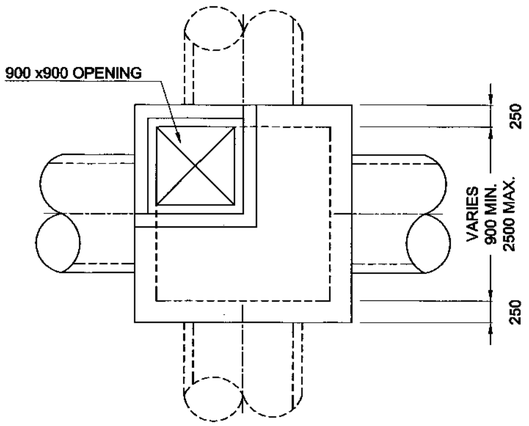
SPACING OF STEP IRONS
SCALE 1:25



DETAIL 'X'
SCALE 1:10



PLAN
CHAMBER(MH) TYPE G
SCALE 1:50



PLAN
CHAMBER(MH) TYPE H
SCALE 1:50

NOTES:
1. FOR DETERMINATION OF CHAMBER SIZES REFER TO DWG No. TD-D-MC-001.
2. REINFORCEMENT DETAILS, NOTES AND BENDING SCHEDULE TO BE PROVIDED BY THE DESIGN CONSULTANT.
3. STEP IRONS TO COMPLY WITH BS 1247 REQUIREMENTS.
4. MANHOLE FRAME AND COVER TYPE 2A TO SABS 558

FOR LATEST VERSION CHECK www.nra.co.za

No.	DATE	VERSION / REVISION	APPROVED
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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APPROVED
DATE: 2015/06/24

TYPICAL DRAWINGS - DRAINAGE

MANHOLES AND GRID INLET CHAMBERS
MANHOLES FOR HIGH FILLS
SHEET 3 OF 4

SANRAL DOC. No. (PDF)	1693102
SANRAL DOC. No. (DWG)	1797612
SANRAL DRAWING No.	TD-D-MC-1003-V1