



**CONSTRUCTION NOTES:**  
STORMWATER

- CONSTRUCTION:**
  - ALL CONSTRUCTION TESTING AND MATERIALS TO COMPLY WITH 1200 SERIES OF SPECIFICATIONS.
  - PIPE BEDDING TO BE CLASS B AS PER SABS 1200 LB WITH BEDDING CRADLE OF SELECTED FILL QUALITY.
  - PIPES AS PER DRAWING.
  - WHERE STORMWATER PIPES CROSS THE SEWER LINE A CLASS 'A' BEDDING MUST BE PROVIDED 2.0m EACH WAY UNDER THE STORMWATER LINE.
  - MINIMUM FALLS ON ALL PIPES = 1:100 U.O.S.
- MATERIALS:**
  - ALL BRICKS TO BE ENGINEERING UNITS TYPE NFXE-14 AS PER SABS 227 & 285.
  - MANHOLE COVERS IN ROADWAYS TO BE STANDARD D.C HEAVY DUTY CAST IRON COVERS AND FRAMES IN ACCORDANCE WITH SABS 558 TYPE 2B. IN WALKWAYS AND WHERE POTENTIAL TRAFFIC CAN OCCUR HEAVY DUTY PRECAST COVERS TO BE USED AND IN ALL OTHER AREAS LIGHT DUTY PRECAST CONCRETE CAN BE USED.
  - STORMWATER PIPES TO BE SPIGOT AND SOCKET, CLASS 1000 TO BE USED UNDER ROADWAYS AND 500 IN NON-TRAFFICKED AREAS.
  - HDPE STORMWATER PIPES TO BE 8KN/m² RING STIFFNESS CORRUGATED PIPES AS SUPPLIED BY MAGNUM OR SIMILAR APPROVED.
  - STEP IRONS TO COMPLY WITH SABS 1247.
  - DUE TO THE CORROSIVE NATURE OF THE SOIL NO GALVANISED MATERIAL MAY BE USED.
- NOTE ON STORMWATER CONNECTIONS:**
  - CONTRACTOR TO LOCATE THE EXISTING STORMWATER PIPES ON SITE AND VERIFY ALL INVERT LEVELS WITH THE ENGINEER PRIOR TO ANY CONSTRUCTION.
  - THE EXISTING SERVICES ARE TO ADEQUATELY PROTECTED AND ANY DAMAGE IS TO BE REPAIRED AT THE CONTRACTORS COST.
  - ALL NEW STORMWATER PIPES MUST BE LAID AT AN ANGLE OF NOT LESS THAN 30 DEGS. AND NOT MORE THAN 60 DEGS. TO THE EXISTING PIPE.
  - ALL PIPES MUST BE LAID UNDER TO SOFFIT.



ISSUE / REVISION

ISSUE / REVISION	DATE	DESCRIPTION	ISS BY
4	2021-10-06	FOR CONSTRUCTION	DVDM
3	2021-07-29	BIM 360 REVISION	DVDM
1	2021-06-21	FOR CONSTRUCTION	DVDM
0	2021-04-16	FOR CONSTRUCTION	DVDM

DRAWING STATUS  
FOR CONSTRUCTION



ARCHITECT  
COA

CLIENT  
DEVCMO

PROJECT  
SALTA INFRASTRUCTURE

DRAWING CHECKS

DESIGNED BY: D. vd MERWIE  
DRAWN BY: J. OOSTHUIZEN  
CHECKED BY: D. vd MERWIE  
APPROVED BY: D. vd MERWIE

DRAWING TITLE  
STORMWATER LONGSECTIONS  
NETWORK 1 SHEET 3

SCALE: 2019-0173-C-5852

As indicated

DRAWING NUMBER	REV
2019-0173-C-5852	4