

LONGSECTION NETWORK 1 _ SW1.1-1 SECTION 2

CONSTRUCTION NOTES: STORMWATER

- 1. <u>CONSTRUCTION:</u>
- 1.1. ALL CONSTRUCTION, TESTING AND MATERIALS TO COMPLY WITH 1200 SERIES OF SPECIFICATIONS.
- 1.2. PIPE BEDDING TO BE CLASS B AS PER SABS 1200 LB WITH BEDDING CRADLE OF SELECTED FILL QUALITY.
- 1.3. PIPES AS PER DRAWING.1.4. WHERE STORMWATER PIPES CROSS THE SEWER LINE A
- CLASS 'A' BEDDING MUST BE PROVIDED 2.0m EACH WAY UNDER THE STORMWATER LINE.

 1.5. MINIMUM FALLS ON ALL PIPES = 1:100 U.O.S.
- 2. <u>MATERIALS:</u>

2.1. ALL BRICKS TO BE ENGINEERING UNITS TYPE NFXE-14 AS PER SABS 227 & 285.

- 2.2. 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.

 2.3. STORMWATER PIPES TO BE SPIGOT AND SOCKET, CLASS 100D TO BE USED UNDER ROADWAYS AND 50D IN
- NON-TRAFFICKED AREAS.

 2.4. HDPE STORMWATER PIPES TO BE 8KN/m² RING
 STIFFNESS CORRUGATED PIPES AS SUPPLIED BY
- MAGNUM OR SIMILAR APPROVED.

 2.5. STEP IRONS TO COMPLY WITH SABS 1247.

 2.6. DUE TO THE CORROSIVE NATURE OF THE SOIL NO GALVANISED MATERIAL MAY BE USED.
- 3. NOTE ON STORMWATER CONNECTIONS:
- 3.1. CONTRACTOR TO LOCATE THE EXSTING STORMWATER PIPES ON SITE AND VERIFY ALL INVERT LEVELS WITH
- THE ENGINEER PRIOR TO ANY CONSTRUCTION.

 3.2. THE EXSTING SERVICES ARE TO ADEQUATELY
 PROTECTED AND ANY DAMAGE IS TO REPAIRED AT THE
- CONTRACTORS COST.

 3.3. ALL NEW STROMWATER PIPES MUST BE LAID AT AN ANGLE OF NOT LESS THAN 30 DEG. AND NOT MORE
- ANGLE OF NOT LESS THAN 30 DEG. AND NOT MO
 THAN 60 DEG. TO THE EXISTING PIPE.

 3.4. ALL PIPES MUST BE LAID SOFFIT TO SOFFIT.



4 2021-09-10 FOR CONSTRUCTION
3 2021-07-29 BIM 360 REVISION
1 2021-06-21 FOR CONSTRUCTION
0 2021-04-16 FOR CONSTRUCTION
I/R DATE DESCRIPTION

DRAWING STATUS

FOR CONSTRUCTION



ARCHITECT
COA
CLIENT
DEVMCO

PROJECT

SALTA INFRASTRUCTURE

DRAWING CHECKS

APPROVED BY:

 DESIGNED BY:
 D. vd MERWE

 DRAWN BY:
 J. OOSTHUIZEN

 CHECKED BY:
 D. vd MERWE

DRAWING TITLE

STORMWATER LONGSECTIONS NETWORK 1 SHEET 2

 SCALE
 As indicated

 DRAWING NUMBER
 REV

 2019-0173-C-5851
 4

D. vd MERWE

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