



**NOTES**

**1. CONSTRUCTION**

- 1.1 ALL CONSTRUCTION, TESTING AND MATERIALS AS PER SANS1200 SERIES OF SPECIFICATIONS
- 1.2 PIPE BEDDING TO BE CLASS B BED AS PER SANS1200LB WITH BEDDING CRADLE OF SELECTED FILL MATERIAL QUALITY (SEE CLASS B BEDDING DETAILS ELSEWHERE.)
- 1.3 PIPE SIZES AND CLASS AS INDICATED ON LAYOUT
- 1.4 WHERE STORMWATER PIPES CROSS THE SEWER LINE A CLASS "A" BED MUST BE PROVIDED 2.0m EACH WAY UNDER THE STORMWATER PIPE
- 1.5 ALL RWDPs AND FULLBORE OUTLETS TO BE FILLED WITH WATER, LEFT FOR 24 HOURS AND CHECKED FOR LEAKAGE PRIOR TO BACKFILLING AND POURING OF SURFACE BEDS.

**2. MATERIALS**

- 2.1 ALL BRICKS TO BE ENGINEERING UNITS TYPE NFXE-14 AS PER SANS 227 & 285.
- 2.2 ALL MANHOLE COVERS AND FRAMES TO COMPLY WITH SANS 558 - TYPE AS INDICATED ON DETAIL DRAWINGS.
- 2.3 STEP IRONS TO COMPLY WITH BS 124
- 2.4 ALL CONCRETE PIPES MUST COMPLY WITH SANS 677 WITH OGEE JOINTS.
- 2.5 ALL PIPES WHICH ARE EXPOSED IN THE BASEMENT MUST BE uPVC CLASS S1 ND TO SANS 791
- 2.6 ALL PIPES INSIDE COLUMNS MUST BE uPVC CLASS 34 HD TO SANS 791
- 2.7 ALL HDPE PIPES TO COMPLY WITH SANS 533 PE100 PN12 WITH BUTTWELDED FITTINGS
- 2.8 ALL uPVC PIPES AND FITTINGS UNDERNEATH SURFACE BED TO BE CLASS 34 HD AS PER SANS 791 (1100 - 2500)
- 2.9 ALL CONCRETE PIPES TO BE IN ACCORDANCE WITH SANS 677 WITH OGEE JOINTS (5000 - 5250) CONCRETE PIPES MUST COMPLY WITH SANS 677 WITH OGEE JOINTS.

REVISION	No.	Date	Description	By	Chk	App
	A	18/10/19	ISSUED FOR INFORMATION	JTA	ZG	ZG

Designed	Drawn	Checked	Approved	Date	Scale
JTA	JTA	ZG	ZG	OCT. 2019	1:3000

**Client**

**Architect**

**+ RONO ARCHITECTS +**  
+ creating habitat, creating life +

**Project**

PROPOSED TOWNSHIP  
ROOSBOOM EXTENSION 1  
SITUATED ON PORTION 437 & PORTION 502  
OF THE FARM ROOSBOOM No. 1102-GS

**Drawing Title**

STORMWATER LAYOUT  
SHEET 1 OF 2

**ASPIRE**

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ENG 293	C-SW-01	A