

NOTES

GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE REINFORCEMENT AND RELEVANT PIPE LAYOUT DRAWINGS
 2. STRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH SANS SPECIFICATIONS AND RAND WATER SPECIFICATIONS.
 3. ALL CONCRETE MIXES AND METHOD STATEMENTS TO BE

5. ALL CONCRETE MIXES ARE APPROVED BY THE CIVIL COMMENCEMENT OF CONSTR

3. ALL CONCRETE MIXES AND METHOD STATEMENTS TO BE APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION
 4. FOUNDATION EXCAVATIONS TO BE APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER
 5. ALL LEVELS AND DIMENSIONS WILL BE CHECKED ON SITE PRIOR TO CONSTRUCTION

CONCRETE NOTES:

 1. CONCRETE STRENGTH REQUIRED AT 28 DAYS:

1. CONCRETE STRENGTH REQUIREMENTS

1. CONCRETE STRENGTH REQUIRED AT 28 DAYS:
 - a) STRUCTURAL CONCRETE: 35 MPa
 - b) BLINDING AND SCREED: 15 MPa
 - c) MASS CONCRETE: 15 MPa
 2. CURING OF CONCRETE SHALL BE CARRIED OUT STRICTLY IN ACCORDANCE WITH SANS 2001-CC1
 3. STRIPPING TIMES OF SHUTTERING AND PROPPING SHALL BE IN ACCORDANCE WITH SANS 2001-CC1
 4. CURING METHOD STATEMENT TO BE APPROVED BY CIVIL DESIGN ENGINEER

REVISIONS

REFERENCE DRAWINGS

ISSUED FOR INFORMATION



BOX 1127
JOHANNESBURG
2000
TEL: 682-0911

RAND WATER

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PROJECT No	P.03753	CHECKED	M MAGINA
NETWORK No			APPROVED
CONTRACT No	LEAD ENG.	M. CHIBU	PR
DESIGNED BY	J MAMABOLO	REG No	20150256
DRAWN BY	J MAMABOLO	DATE	01/11/2023
STATE	AUG-2023	SECTION HEAD	2TH MAGE

VEREENIGING PUMPING STATION

STATION A10 PIPELINE

GENERAL ARRANGEMENTS FOR THE A19 DN200 DIA TIE-IN CHAMBER

TESTING AND QUALITY REQUIREMENTS:

**NO STRUCTURE WILL BE APPROVED BY THE CIVIL DESIGN ENGINEER
WITHOUT THE SUBMISSION OF THE FOLLOWING TO THE CIVIL DESIGN
ENGINEER**

1. TEST OF THE IN-SITU SOIL TO BE UNDERTAKEN PRIOR TO CONSTRUCTION, TO ESTABLISH MATERIAL PROPERTIES
 2. ONCE BACK-FILLING AND COMPACTION FOR FOUNDATION IS COMPLETED, THE CONTRACTOR SHALL PERFORM 2 IN-SITU CBR TESTS TO ESTABLISH THE STRENGTH OF THE SOIL MATTRESS. RESULTS TO BE SUBMITTED AND APPROVED BY CIVIL DESIGN ENGINEER PRIOR TO CASTING OF ANY CONCRETE.

STATION		WKS										DOC. TYPE		
V	G											D	A	V
SCALE AS SHOWN		REVISION												
A1		RA 61223 / 100												