



- NOTES: REINFORCED CONCRETE**
1. THE APPLICABLE STANDARD SPECIFICATION IS SANS 1200G - 1982 WHICH SHOULD BE READ IN CONJUNCTION WITH THE VARIATIONS AND ADDITIONS CONTAINED IN THEMBA PROJECT SPECIFICATION FOR CONCRETE (STRUCTURAL).
 2. CONCRETE COVER TO REINFORCEMENT AND CONCRETE STRENGTH TO BE AS INDICATED BELOW. COVER IS GIVEN TO THE NEAREST FACE. MINIMUM BAR COVER TO BE MAXIMUM OF BAR DIAMETER AND AS SHOWN BELOW. SPECIFIED COVER TO BE MAINTAINED USING CEMENT MORTAR COVER BLOCKS OR APPROVED PLASTIC SPACERS.
 3. ALL AGGREGATE TO BE 19mm UNLESS OTHERWISE SPECIFIED.
 4. CONCRETE DESIGN MIXES TO BE SUBMITTED TO ENGINEER FOR COMMENTS PRIOR TO CONSTRUCTION.
 5. CUBE TESTS TO BE CARRIED OUT ON SITE AND LOGGED WITH POSITION AND DATE. CUBES TO BE TAKEN FOR EACH TYPE OF ELEMENT, AT LEAST ONE SET DAILY AND AT LEAST ONE SET EVERY 50m³.
 6. REINFORCEMENT TO BE IN ACCORDANCE WITH SANS 820 AND SHALL BE BENT IN ACCORDANCE WITH SANS 82.
 7. ALL CAST IN ITEMS SHALL BE FREE OF OIL, GREASE, DIRT OR ANY OTHER MATERIAL WHICH MAY IMPAIR THE BOND WITH THE CONCRETE. CONTRACTOR TO REFER TO ARCHITECT SPECIALIST DRAWINGS FOR DETAILS POSITIONS OF OPENINGS, SLEEVES, CONDUITING, ETC. FOR STORMWATER, SEWERAGE AND OTHER SERVICES.
 8. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE GROUND BEARING CAPACITY OF 1000 kPa.
 9. ALL FOUNDATION EXCAVATIONS TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETING.
 10. REMOVAL OF FORMWORK TO BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR BACK-PROPPING ON MULTI-STORY SLAB CONSTRUCTION.
 11. ALL EXPOSED CORNERS TO BE CHAMFERED 25x25 O.U.N.

CONSULTANTS DWG NO

13247-02/S/011/A

DRAWING No.

JW14455

PROJECT No.

A0

SHEET

4

OF

4

ORIGINAL PAGE SIZE

FILE No.

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INFRASTRUCTURE
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CLIENT
JOHANNESBURG WATER
TURBINE HACC
62 NTEMI PICISO STREET
NEW TOWN

DESIGNED	KB	10/02/2021
DRAWN	LD	30/09/2024
CHECKED	WM	30/09/2024
APPROVED BY:	SIGNATURE	DATE
ECSA REG. No.		
CHECKED BY:	SIGNATURE	DATE

Johannesburg Water

TURBINE HACC
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NEWTOWN

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Joburg

DIEPSLOOT SEWAGE AQUEDUCT
BRIDGE 3

DETAILS

SURVEY INFORMATION

PROJECT SURVEYOR:

DATE:

CCTV INFORMATION

CCTV COMPANY:

DATE:

APPROVAL BY JW DEPOT

CHECKED

APPROVED BY:

SIGNATURE

APPROVAL BY JW PLANNING

CHECKED

APPROVED BY:

SIGNATURE

SCALE

AS SHOWN

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AMENDMENTS

DESCRIPTION

ISSUED FOR TENDER

DATE:

30/09/2024