


- NOTES: REINFORCED CONCRETE**
1. THE APPLICABLE STANDARD SPECIFICATION IS SANS 12005 - 1982 WHICH SHOULD BE READ IN CONJUNCTION WITH THE VARIATIONS AND ADDITIONS CONTAINED IN THE M&A 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 50m.
 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, CONDUITS, 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 D.I.N.

SOP - SETTING OUT POINT		
NAME	COORDINATE	
SOP 1	Y = 100053.708	X = 2871386.405
SOP 2	Y = 100099.652	X = 2871387.265
SOP 3	Y = 100086.046	X = 2871375.810
SOP 4	Y = 100102.441	X = 2871364.355
SOP 5	Y = 100118.835	X = 2871352.899
SOP 6	Y = 100135.230	X = 2871341.444
SOP 7	Y = 100151.624	X = 2871329.989
SOP 8	Y = 100167.589	X = 2871318.849




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CLIENT
JOHANNESBURG WATER
TURBINE HALL
65 NTEMI PILISO STREET
NEWTOWN JOHANNESBURG


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



Johannesburg Water

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Joburg

DIEPSLOOT SEWAGE AQUEDUCT
BRIDGE 1

GENERAL ARRANGEMENT
1 OF 2

SURVEY INFORMATION		APPROVAL BY JW DEPOT		SCALE	AMENDMENTS	
PROJECT SURVEYOR:	CHECKED			AS SHOWN	REV:	DESCRIPTION
DATE:	APPROVED BY:			A		ISSUED FOR TENDER
	SIGNATURE		DATE			
CCTV INFORMATION	APPROVAL BY JW PLANNING					
CCTV COMPANY:	CHECKED					
DATE:	APPROVED BY:					
	SIGNATURE		DATE			

CONSULTANTS DWG NO
13247-02/S/001/A

DRAWING No.

JW14455

PROJECT No.

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