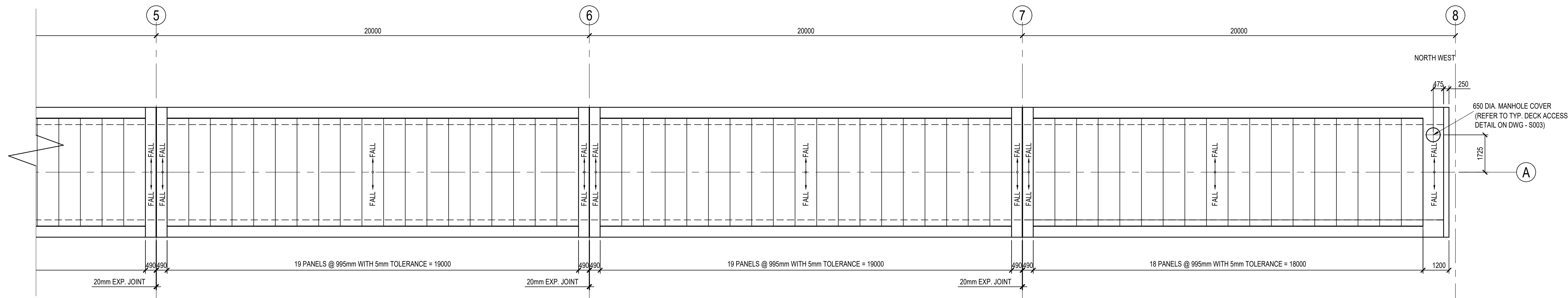
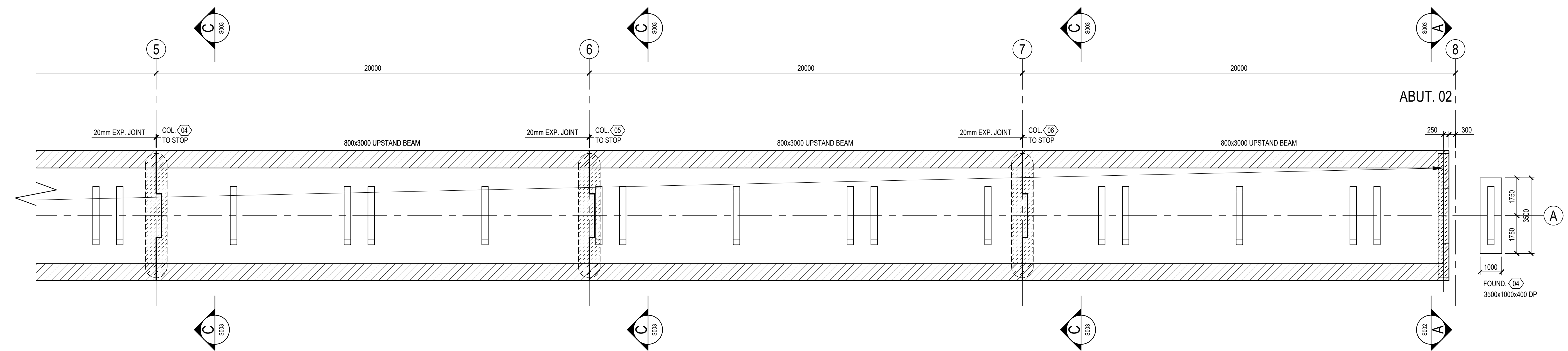


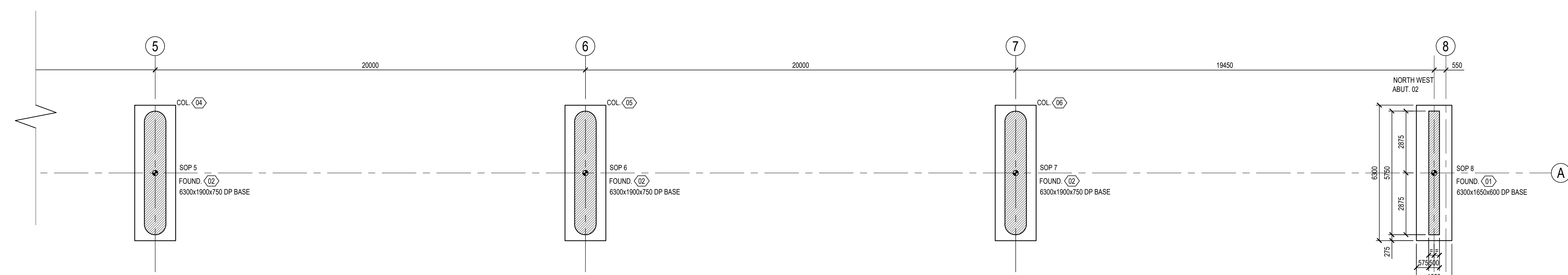
ELEVATION  
SCALE 1:100



ROOF LAYOUT  
SCALE 1:100



DECK LAYOUT  
SCALE 1:100



FOUNDATION LAYOUT  
SCALE 1:100

NOTES: REINFORCED CONCRETE

1. THE APPLICABLE STANDARD SPECIFICATION IS SANS 12006 - 1982 WHICH SHOULD BE READ IN CONJUNCTION WITH THE VARIATIONS AND ADDITIONS CONTAINED IN THE MBMA 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.

ELEMENT	CONCRETE STRENGTH AT 28 DAYS (MPa)	COVER mm
FOUNDATIONS	30	50
COLUMNS	30	45
BEAMS	30	45
SLABS	30	45
WALLS	30	45
-	40	30

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<sup>3</sup>.
6. REINFORCEMENT TO BE IN ACCORDANCE WITH SANS 920 AND SHALL BE BENT IN ACCORDANCE WITH SANS 92.
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 DETAIL 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 O.U.N.

CONSULTANTS DWG NO

13247-02/S/002/A

DRAWING No.

JW14455

PROJECT No.

A0

SHEET

2

OF

4

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**themba**  
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INFRASTRUCTURE  
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CLIENT  
JOHANNESBURG WATER  
TURBINE HALL  
65 NTEMI PILISO STREET  
NEWTOWN JOHANNESBURG

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



TURBINE HALL  
65 NTEMI PILISO STREET  
NEWTOWN 2001

TEL: (011) 688-1400  
FAX: (011) 688-1529



DIEPSLOOT SEWAGE AQUEDUCT  
BRIDGE 1

GENERAL ARRANGEMENT  
2 OF 2

SURVEY INFORMATION

PROJECT SURVEYOR:	CHECKED		
DATE:	APPROVED BY:		
	SIGNATURE	DATE	
CCTV INFORMATION	APPROVAL BY JW PLANNING		
CCTV COMPANY:	CHECKED		
DATE:	APPROVED BY:		
	SIGNATURE	DATE	

APPROVAL BY JW DEPOT

CHECKED		
APPROVED BY:		
SIGNATURE	DATE	

SCALE

AS SHOWN	REV:	
A		

AMENDMENTS

DESCRIPTION	DATE:
ISSUED FOR TENDER	30/09/2024