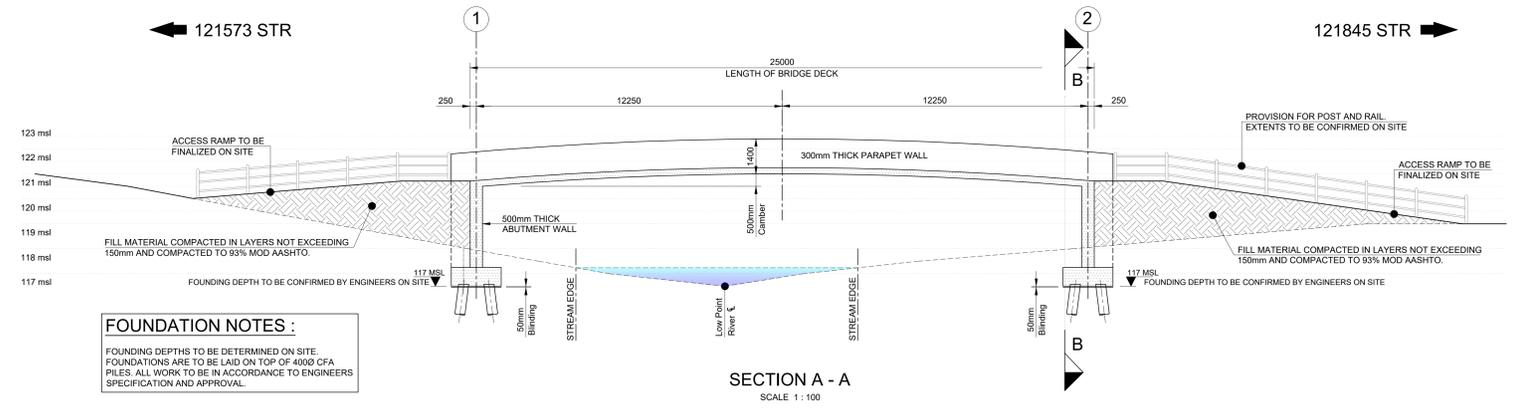
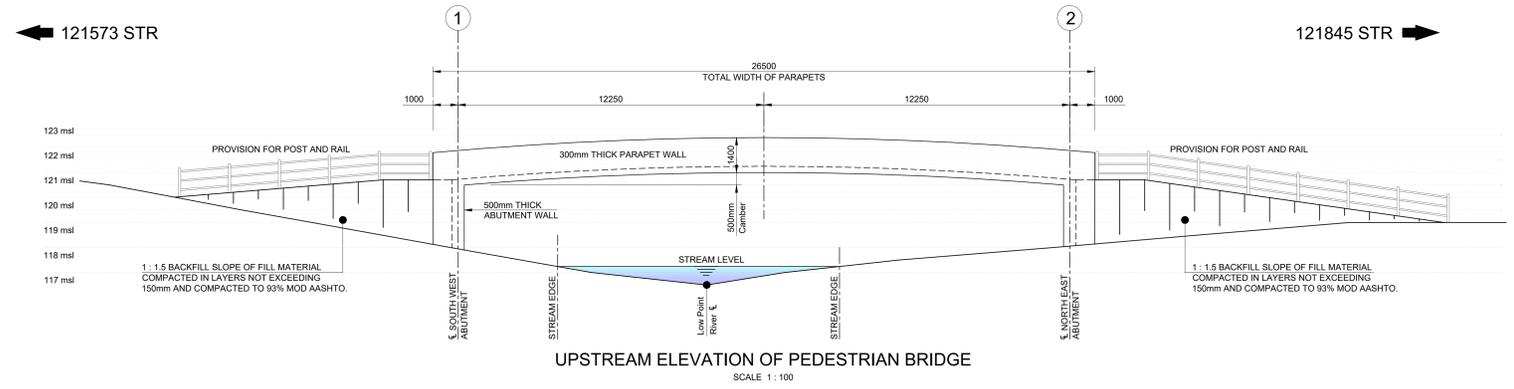
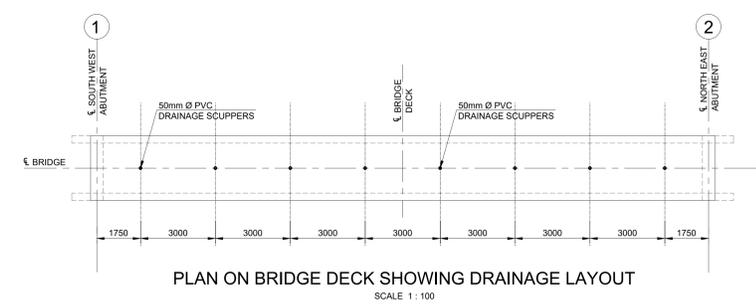
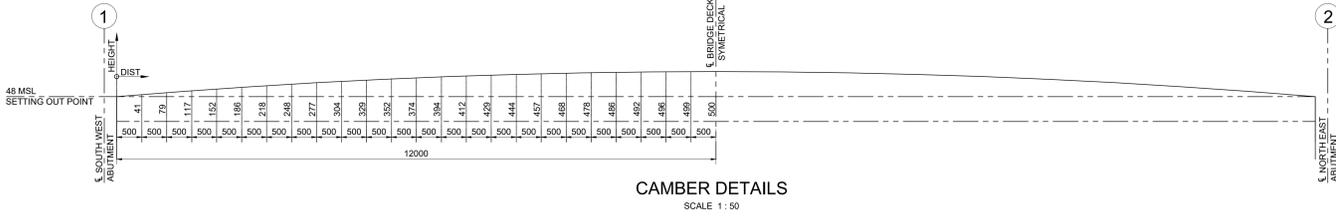
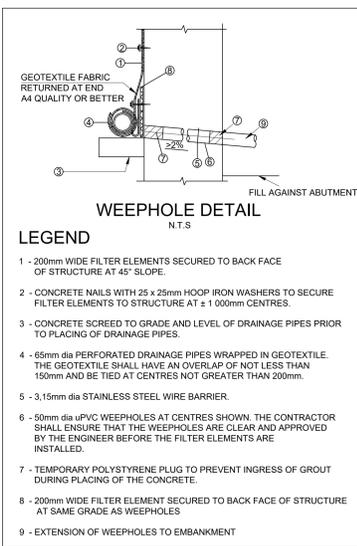


ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
 ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED STRUCTURAL DRAWINGS.



FOUNDATION NOTES :
 FOUNDING DEPTHS TO BE DETERMINED ON SITE. FOUNDATIONS ARE TO BE LAID ON TOP OF 400Ø CFA PILES. ALL WORK TO BE IN ACCORDANCE TO ENGINEERS SPECIFICATION AND APPROVAL.



NOTES:

- GENERAL BRIDGE NOTES**
 DESCRIPTION - THE BRIDGE IS A SINGLE SPAN CONVENTIONALLY REINFORCED CONCRETE U-BEAM INTEGRAL WITH ABUTMENTS.
 DESIGN METHOD - LIMIT STATE
 DESIGN CODE - TMH7 PART 3
- MATERIAL STRENGTHS & STRESSES**
 CONCRETE: CLASS(MPa/mm)
 BLINDING - 15/19
 PILING - 30/19
 FOUNDATIONS - 30/19
 ABUTMENTS & PIERS - 30/19
 DECK - 30/19
 REINFORCEMENT: MILD STEEL - 250 MPa
 HIGH-YIELD-STEEL - 450 MPa
- SUBSTRUCTURE**
 a) FOUNDATIONS FOUNDATION DEPTHS TO BE DETERMINED ON SITE. FOUNDATIONS ARE TO BE SECURED WITH 400Ø CFA PILES. ALL WORK TO BE IN ACCORDANCE TO ENGINEERS SPECIFICATION AND APPROVAL.
 b) CONCRETE COVER CAST AGAINST EARTH FOUNDATIONS (SHUTTERED) - 40mm EXPOSED SURFACES - 40mm
 c) CHAMFERS TO ALL EXPOSED SHARP CORNERS 25 x 25mm

VIA	19/04/2021	ISSUED FOR CONSTRUCTION
V1	26/06/2020	PREPARED FOR TENDER
Revision	Date	Description
NOTE: No construction work to commence until land and servitude acquisitions have been completed.		
Acquisitions completed:		
Date	Engineer	
UNDERGROUND SERVICES CHECKED		
SERVICE	DATE	SIGNATURE
S/W DRAINS		
SEWERS		
WATER MAINS		
G.P.O CABLES		
ELECTRIC CABLES		
STAIR CABLES		
F.S.C CABLES		
OIL PIPE LINE		
NOTE: Only underground services affected by new construction work are shown. Care must be taken during excavations for road foundations, trenches etc. to avoid damage to underground services such as sewers, water mains, cables, water mains and connections. Wherever possible these must be located before work proceeds.		
Contract No.	1R-24367	
Project Title	WARD 57 - PEDESTRIAN BRIDGE, NTOMBENLE MAGWAZA WALK	
Drawing Title	GENERAL ARRANGEMENT LOCALITY PLAN, SECTIONS AND ELEVATION OF PEDESTRIAN BRIDGE	
Scales	AS SHOWN	Date: 20/03/2023
Designed by	P. FENTON	Checked by: J HARRIPERSHAD
Drawn by	X. MKATI	Surveyed by: SURVEY DEPT.
Manager	Structures P G Fenton	
Deputy Head	Roads Provision S MASONDO	
---	HEAD : ENGINEERING	
Drawing No.	49228	Sheet of 01 04 Rev V1

FOR TENDER PURPOSES