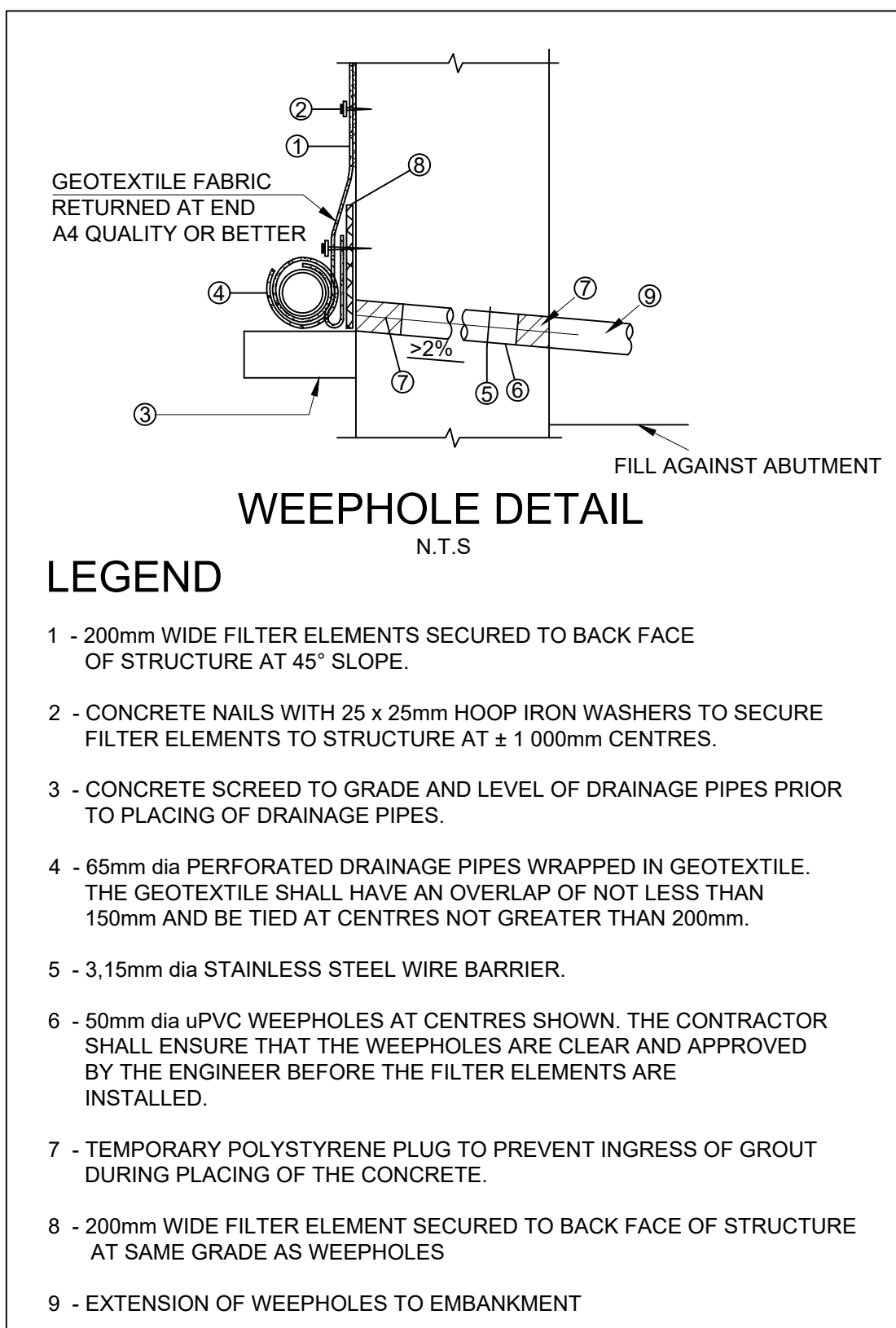
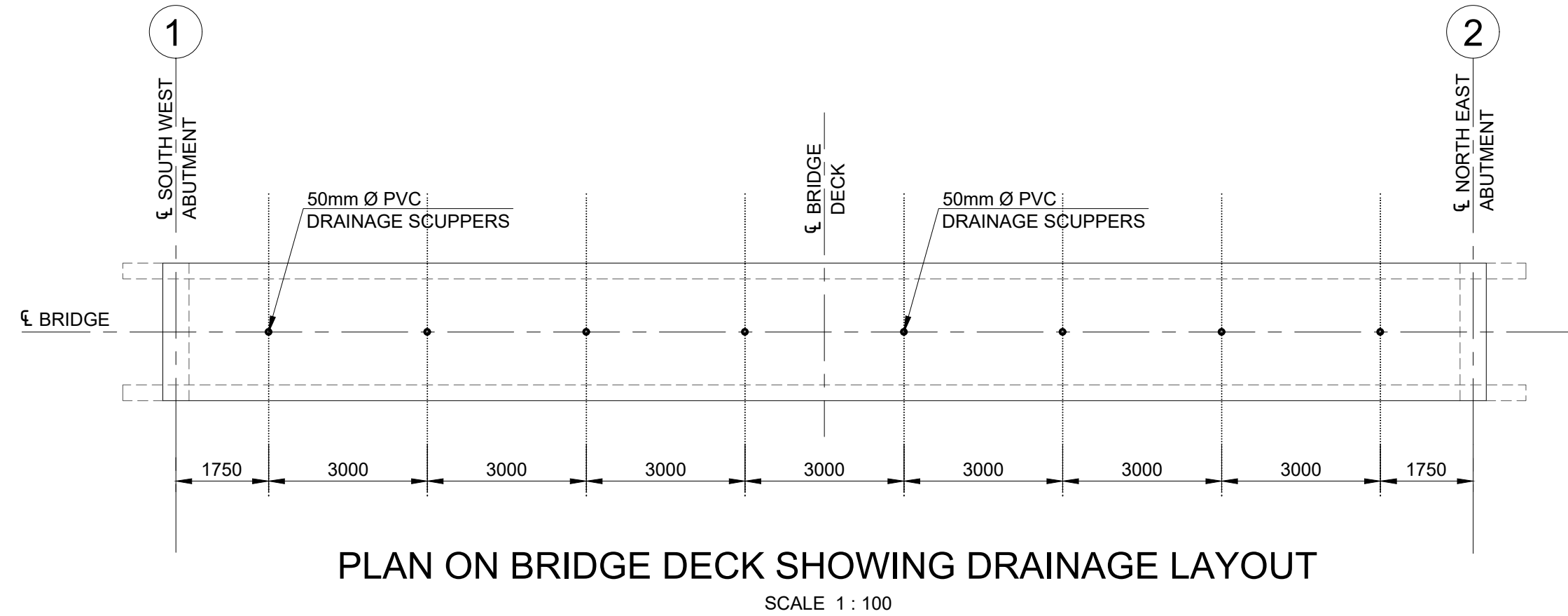
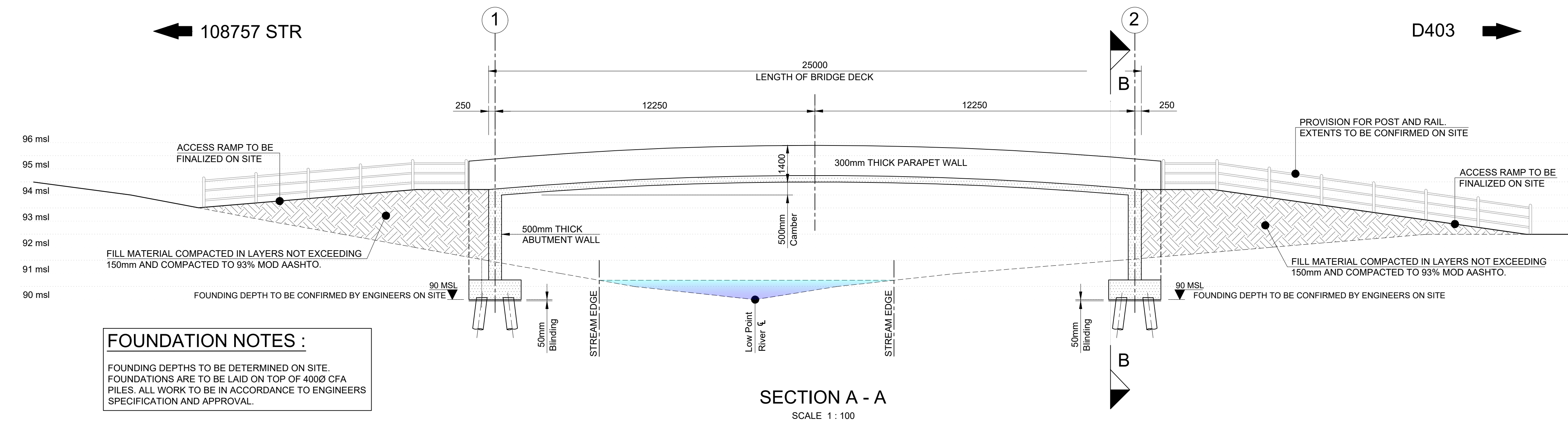
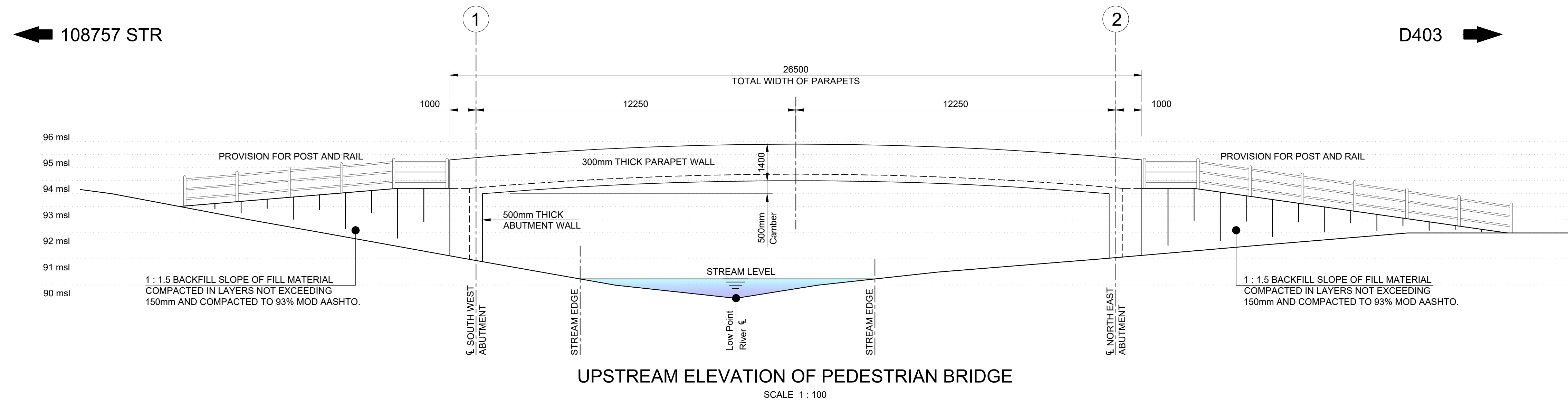
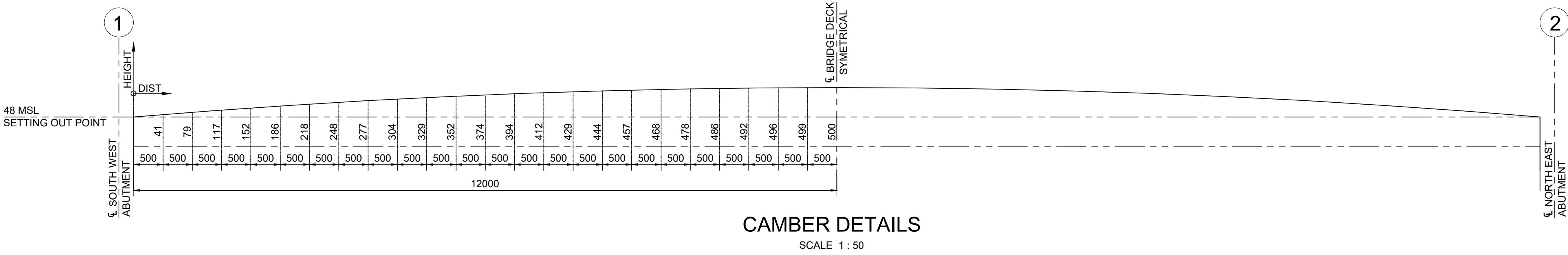


ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED STRUCTURAL DRAWINGS.



NOTES:

1. 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

2. MATERIAL STRENGTHS & STRESSES

CONCRETE: CLASS(MPa/m)

BLINDING - 15/19

PIILING - 30/19

FOUNDATIONS - 30/19

ABUTMENTS & PIERS - 30/19

DECK - 30/19

REINFORCEMENT:

MILD STEEL - 250 MPa

HIGH-YIELD-STEEL STEEL - 450 MPa

3. SUBSTRUCTURE

a) FOUNDATIONS
FOUNDING 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 - 40mm

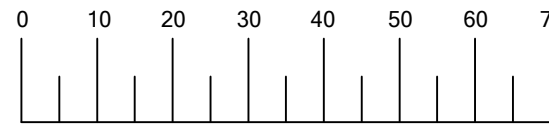
FOUNDATIONS (SHUTTERED) - 40mm

EXPOSED SURFACES - 40mm

c) CHAMFERS TO ALL EXPOSED SHARP CORNERS 25 x 25mm

FOR TENDER PURPOSES

REDUCED PLAN USE SCALE BELOW



70mm ON ORIGINAL PLAN

V1A 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

S.A.R. CABLES

E.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, drains, cables, water mains and connections. Wherever possible these must be located before work proceeds.

Contract No. 1R- 24367

Project Title

WARD 57 - PEDESTRIAN BRIDGE, 121556 Street

Drawing Title

GENERAL ARRANGEMENT

LOCALITY PLAN, SECTIONS AND ELEVATION OF PEDESTRIAN BRIDGE

Scales AS SHOWN Date: 23/03/2023

Designed: P. FENTON Checked: J HARRIPERSHAD

Drawn: X. MKATI Surveyed: SURVEY DEPT.

Manager: Structures P G Fenton

Deputy Head: Roads Provision S MASONDO

HEAD : ENGINEERING

Drawing No. 49227 Sheet of 01 04 Rev. V1