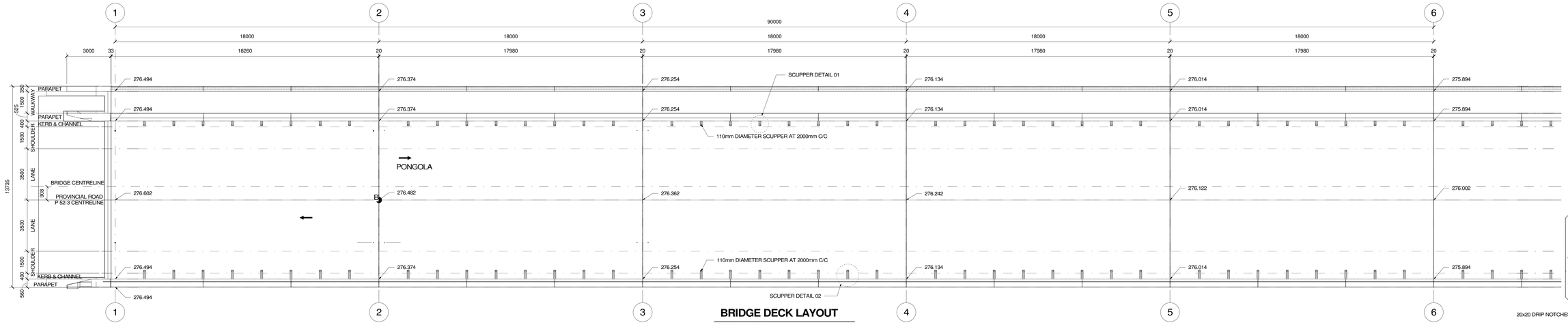
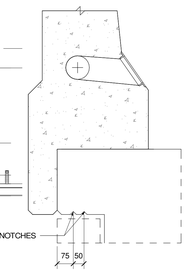


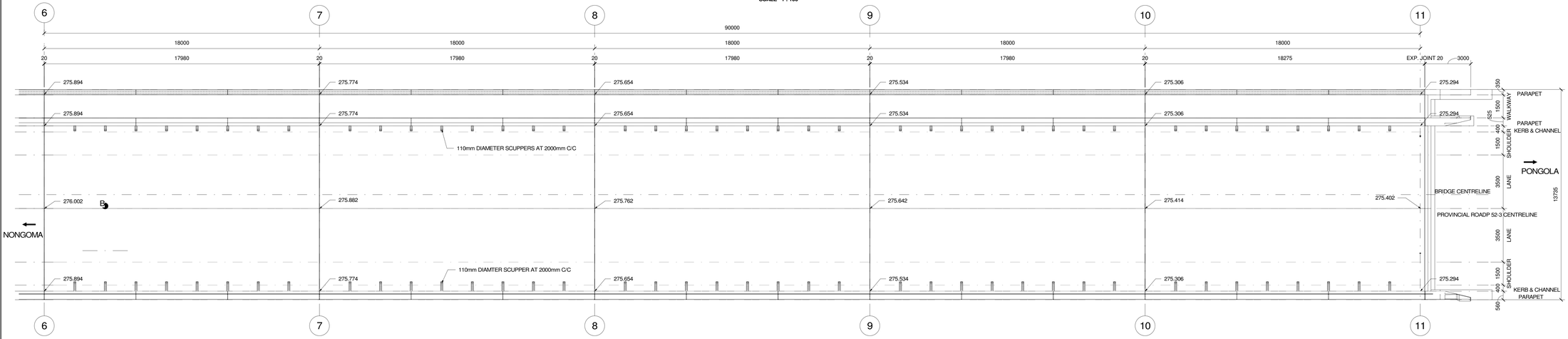
BRIDGE DECK LAYOUT

SCALE 1 : 100



BRIDGE DECK DRIP NOTCH DETAILS

SCALE 1 : 10



BRIDGE DECK LAYOUT-CONTINUED

SCALE 1 : 100

NOTES :

1 CONCRETE CLASSES:

DECK SLAB - 40/19 (40 MPa)

DIAPHRAGM - 40/19 (40 MPa)

PRECAST BEAM - 40/19 (40 MPa)

2 CONCRETE FINISHES:

EXPOSED FACES - CLASS F2 (SMOOTH)

CONCEALED FACES - CLASS F1 (ROUGH)

3 ALL FORMED SURFACE FINISHES :

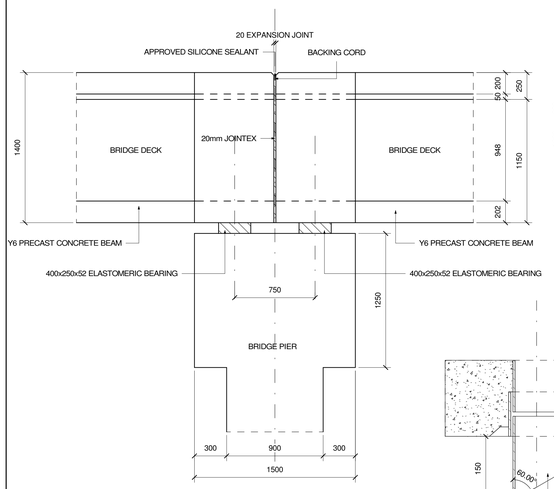
TOP OF DECK - CLASS U2 (WOOD FLOATED)

4 ALL EXPOSED EDGES TO BE CHAMFERED 25 x 25

5 CARE SHALL BE TAKEN NOT TO OVERLOAD THE FIBRE CEMENT PERMANENT SHUTTER

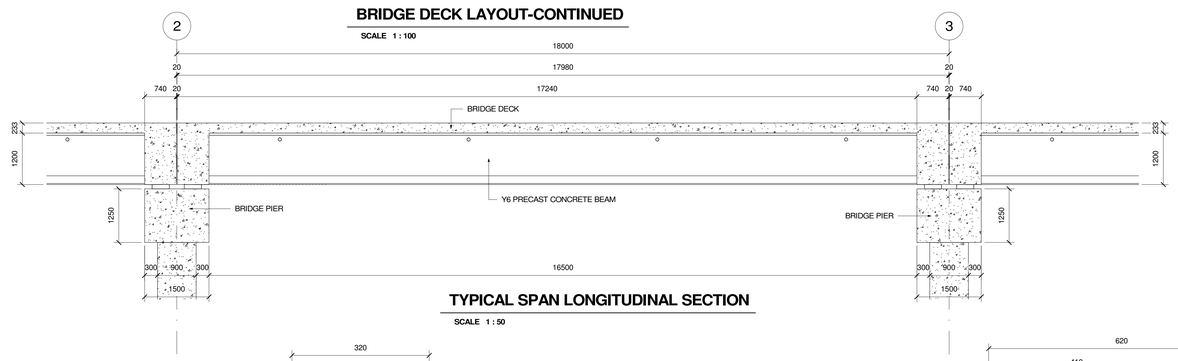
6 RECOMMEND THE USE OF FREYSSINET OR SIMILAR BEARINGS:

REF NO. 3356 LAMINATED ELASTOMERIC BEARING IN 60° N.R. TO BS 5400: SECT. 9.1:1983 PLAN 5176 = 500x350 OVERALL HEIGHT = 61mm.



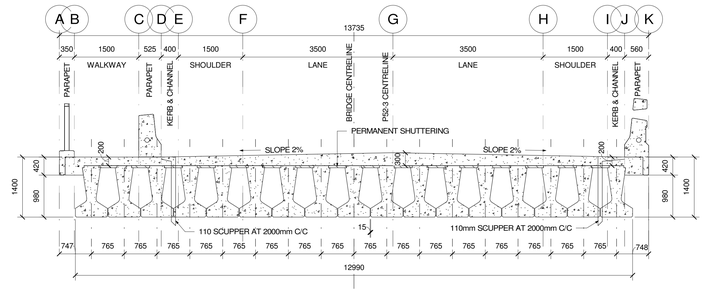
DETAIL AT PIER (TYPICAL JOINT DETAIL)

SCALE 1 : 20



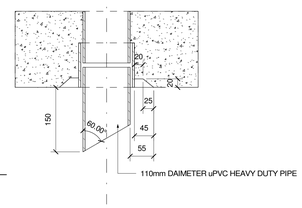
TYPICAL SPAN LONGITUDINAL SECTION

SCALE 1 : 50



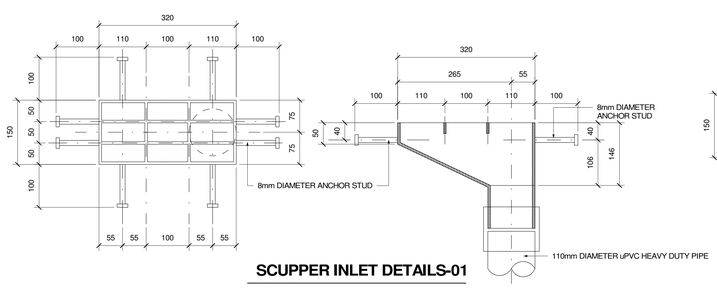
DECK SECTION

SCALE 1 : 50



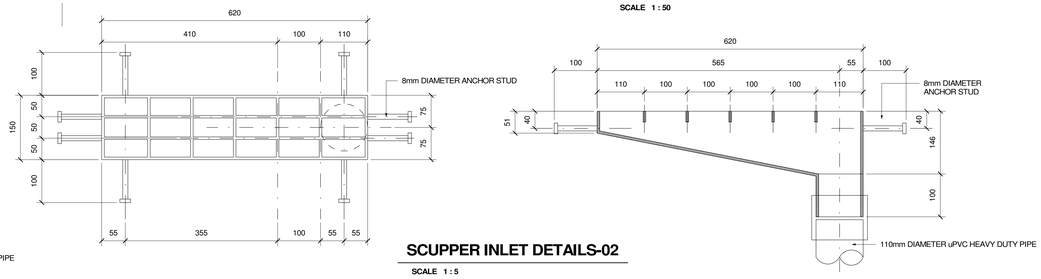
BRIDGE DETAIL OF DRIP RECESS AT OUTLET

SCALE 1 : 5



SCUPPER INLET DETAILS-01

SCALE 1 : 5



SCUPPER INLET DETAILS-02

SCALE 1 : 5

Rev	Date	Description	Checked	Signed
A	28-09-2023	ISSUED FOR APPROVAL	BM	

AMMENDMENTS

AS BUILT

Supervising Engineer — Date

Supervising Authority

Continued from :	
Continued on :	
Cross Section No :	
Longitudinal Section No :	
Survey Plan No :	

Designed by :	T. Mhkize
Checked by :	B. Manyela
Drawn by :	S. Maphumulo
Checked by :	T. Mhkize
Date of approval :	

transport
Department:
Transport
Province of KwaZulu-Natal

Designed by :

IBHONGO CONSULTING

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Morningside
Durban 4001
Tel: (031) 324 2200
Fax: (031) 324 2222
email:info@ibhongo.co.za

Director — Date

Structural Design: Chief Engineer

Head: Transport

PROVINCIAL ROAD P52/3 - NONGOMA TO PONGOLA
S 27 39 47.18 E 31 43 12.14

PROPOSED MKHUZE RIVER BRIDGE

BRIDGE DECK CONCRETE DETAILS

Staked km distance	27.400
Scale :	As indicated
Sheet :	38
of :	51
Ibhongo Dwg No:	2203-SCD-112
DOT Dwg No:	3801-38

3801-38