

- NOTES:**
- 1 CONCRETE CLASSES:
- |          |                 |
|----------|-----------------|
| BLINDING | - 15/19 (15MPa) |
| PIERS    | - 30/19 (30MPa) |
- 2 CONCRETE FINISHES:
- |                 |                      |
|-----------------|----------------------|
| EXPOSED FACES   | - CLASS F2 (SMOOTH)  |
| CONCEALED FACES | - CLASS F1 (ROUGH)   |
| WALL TOPS       | - CLASS U2 (FLOATED) |
- 3 ALL EXPOSED EDGES TO BE CHAMFERED 25 x 25
- 4 DOWELLING INTO ROCK:
- DRILL 28mm $\varnothing$  HOLES 2500mm DEEP AND BLOW OUT  
WITH COMPRESSOR. INJECT INTO GROUT  
(EPIERDYM 395) TO PREVENT AIR LOCKS AND INSERT  
Y25 DOWEL
- 5 RECOMMEND THE USE OF FREYSSINET OR SIMILAR REINFORCING:
- REF NO. 3356 LAMINATED ELASTOMERIC BEARING IN 60°  
N.R. TO BS 5400. SECT. 9.1:1983 PLAN 5176 =  
500X200 (VERTICAL HEIGHT = 51mm).

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

**AS BUILT**

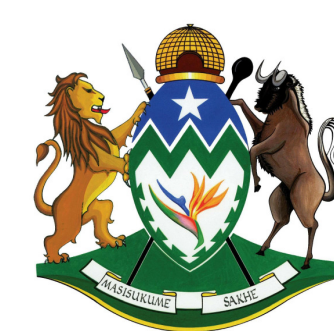
\_\_\_\_\_  
Supervising Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Supervising Authority

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

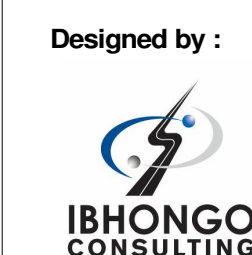
Designed by :	T. Mhkize
Checked by :	B. Manyela
Drawn by :	S. Maphumulo
Checked by :	T. Mhkize
Date of approval :	



**transport**

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Department:  
Transport  
Province of KwaZulu-Natal



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**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

Staked km distance  <b>27.400</b>	Sheet : <b>21</b>  of : <b>51</b>
Scale :  <b>As indicated</b>	Ibhongo Dwg No: <b>2203-SCD-107</b>
	DOT Dwg No: <b>3801-21</b>

Scale :	Ibhongo Dwg No: <b>2203-SCD-107</b>
As indicated	DOT Dwg No: <b>3801-21</b>