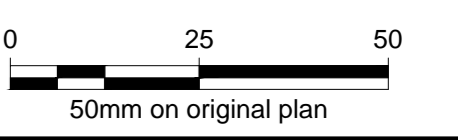


**NOTES:**

- 150mm GALVANISED POSTS TO SANS62-1:2003.
- ANCHOR BLOCK MUST BE MASS CONCRETE TO BE 15MPa STRENGTH.
- BASE OF POSTS CAST R.C BASE TO BE 15MPa STRENGTH.
- POSITIONS OF ANCHOR POINTS AND POST BASE TO BE CONFIRMED BY ENGINEER PRIOR TO CASTING.
- ENGINEER TO CONFIRM IF EMBANKMENT REQUIRES GABION BASKET STABILISATION.
- ALL GALVANISED PIPE TO BE FLANGED ENDS.
- DOWN SLING TO ALLOW 500mm FOR OVERLAP AND WRAPPING AROUND PIPE.
- ALL OVERLAPPING CABLES TO OVERLAP BY 150mm AND HELD BY TWO BULLDOG GRIPS AT 150mm SPACING.
- ALL FABRICATED STEEL TO BE HOT DIP GALVANISED TO SANS 32 AND SANS 121 AS APPROPRIATE.
- IN ROCK AREAS REPLACE STAY ROD AND BASE PLATE WITH ROCK ANCHORS. USE M16 450mm EYEBOLTS DRILLED AT 45° TO VERTICAL AND FILLED WITH abe EPIDERMIX 395 EPOXY GROUTING OR SIMILAR APPROVED BY ENGINEER.
- DO NOT SCALE FROM DRAWING.
- ON COMPLETION OF CONSTRUCTION CABLE TO BE TENSIONED SUCH THAT THE PIPE FOLLOWS A SLIGHTLY CONVEX PROFILE.
- MAXIMUM SPAN OF RIVER = 36m, BETWEEN SUPPORTS.
- FOUNDATION DETAILS TO BE CONFIRMED BY THE ENGINEER.
- SIZE OF CABLE AND ASSOCIATED FITTINGS TO BE CONFIRMED BY THE ENGINEER.

**GENERAL NOTES:**  
(Text)



**REVISIONS**

Rev	Date	Checked	Description

Contract No: \_\_\_\_\_

Client Logo:

Client Name: \_\_\_\_\_ Date: \_\_\_\_\_ Sign: \_\_\_\_\_

Consultant:

Project title: **UPGRADING OF BULK WATER SUPPLY AND RETICULATION TO KWAHLOKHOLOK SSA1 PHASE 2 AND 3**

**TYPICAL RIVER CROSSING DETAILS**

Design: J.D.	Date: 2019-05-07	Sign: _____
Drawn: C.M.	Date: 2019-05-07	Sign: _____
Checked: N.L.	Date: 2019-05-07	Sign: _____
Scale: As Shown	Sheet Size: A0	Sheet: 01 of 01
Drawing No: 2168D/PH3C&3D/D/182/REVA		

**FOR INFORMATION**

