

# HARRY GWALA DISTRICT MUNICIPALITY



CONTRACT NO.: HGDM/798/HGDM/2022

## RECTIFICATION AND UPGRADE OF FAIRVIEW AND IXOPO SEWER SYSTEM

TENDER DRAWINGS

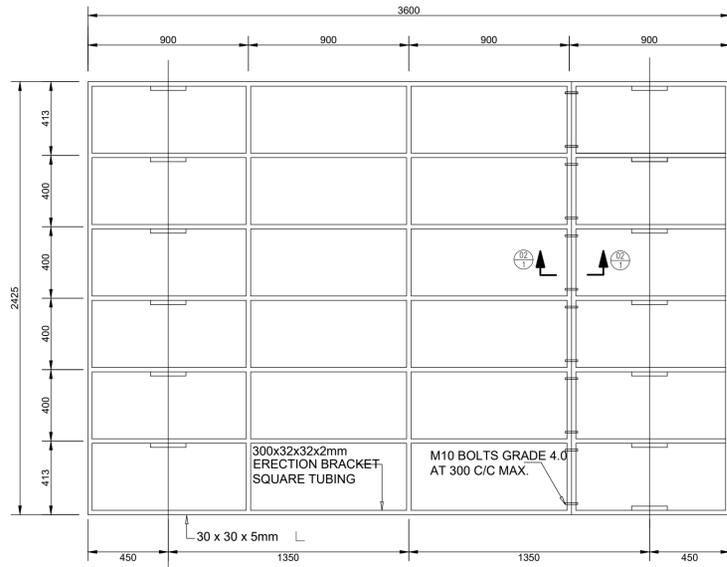
APRIL 2023

PREPARED BY:  **ZIMILE**  
Consulting Engineers

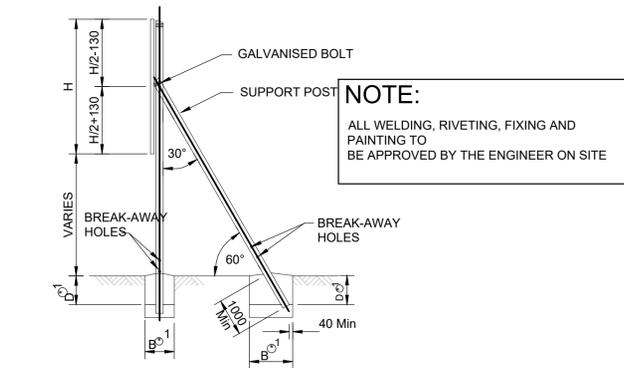
**HARRY GRALA DISTRICT MUNICIPALITY**  
CONTRACT No: HGDM 798/HGDM/2022

	<b>HARRY GWALA DISTRICT MUNICIPALITY</b> 40 MAIN STREET P.O BOX X501 IXOPO 3279 TEL : 039 834 8700 FAX : 039 834 1701	
	<b>ZIMILE CONSULTING ENGINEERS</b> 76 HOPE STREET KOKSTAD 4700 TEL : 039 940 6729 EMAIL : info@zimile.co.za	
EMBLEM OF CONTRACTOR ON WHITE BACKGROUND	<b>CONTRACTOR NAME</b>	TEL : CONTRACTOR'S DETAILS
	<b>EXPANDED PUBLIC WORKS PROGRAMME</b>	

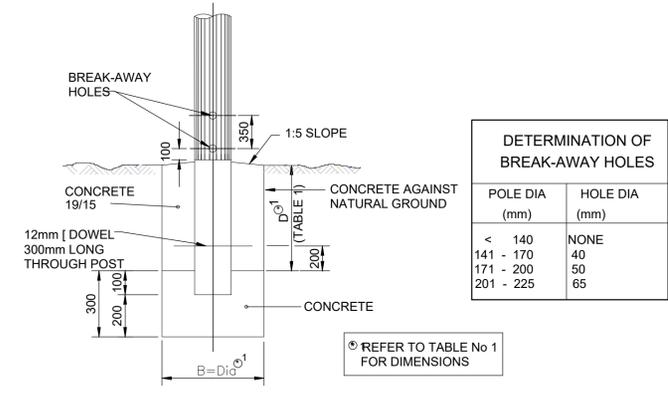
**FRONT ELEVATION**  
SCALE 1:20



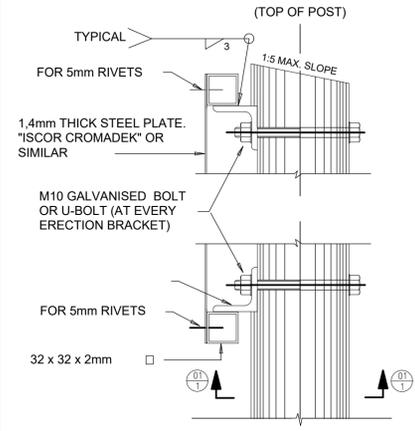
**REAR SIDE BRACING**  
SCALE 1:20



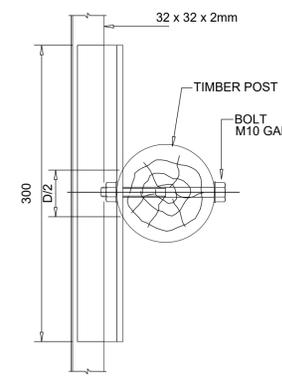
**SIDE ELEVATION OF ROAD SIGN**



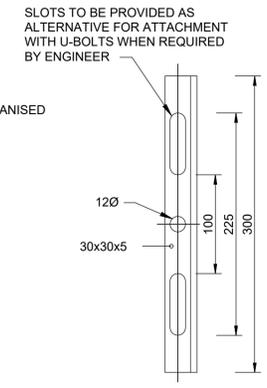
**FOUNDATION DETAIL**  
SCALE NTS



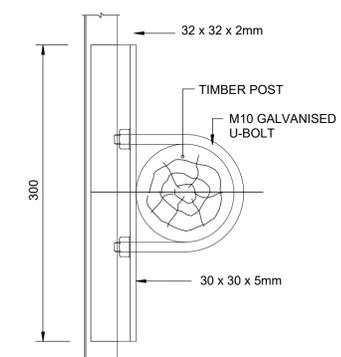
**SIDE ELEVATION**



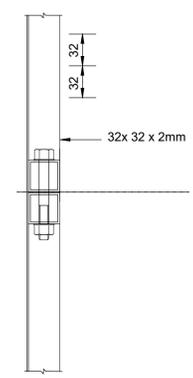
**SECTION 01-01**



**ELEVATION OF ERECTION BRACKET**



**SECTION 01-01 (WITH U-BOLT)**



**SECTION 02-02 (AT JOINT OF SIGN)**

**FIXING DETAIL FOR SIGN BOARDS**  
SCALE NTS



- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. USE ONLY THE CALCULATED AND WRITTEN DIMENSIONS.
  - ALL EXCAVATIONS SHOULD BE INSPECTED AND APPROVED BY THE ENGINEER ON SITE.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
  - ALL LEVELS IN METERS.
  - ALL CONCRETE TO BE CLASS 19/15 OR OTHERWISE SPECIFIED.
  - ALL SHARP EDGES OF WALLS AND FLOOR TO BE 25 X 25 CHAMFER.

**EMBLEM AND BORDER NOTES**

- EMBLEMS:**
- ALL EMBLEMS TO BE DISPLAYED IN FULL COLOUR ON A SEMI-MATT BACKGROUND.
  - LETTERS AND NUMBERS:
    - DESCRIPTION : MATT-BLACK, SERIES DIN B LETTERS AND NUMBERS ON A SEMI-MATT SMOKE-GREY BACKGROUND.
- BORDERS:**
- BORDER : GREEN NON-REFLECTORIZED.
- QUANTITY:**
- TWO SIGN BOARDS, SHALL BE ERECTED AT POSITIONS AS DETERMINED BY THE ENGINEER.
- DESCRIPTION:**
- DESCRIPTION OF WORK (NUMBER OF KILOMETRES AND TYPE OF WORK, eg "13.5km RECONSTRUCTION OF ROAD 1974" DESCRIPTION STARTS CENTERED ON THE LEFT-HAND SIDE AND THE FIRST 105mm-DIMENSION BELOW "NORTHERN"
- SAFCEC EMBLEM ONLY IF CONTRACTOR IS A MEMBER OTHERWISE BLANK.
  - ZIMILE CONSULTING ENGINEERS LOGO TO BE OBTAINED FROM ZIMILE, KOKSTAD OFFICE
  - 3600mmX2000mmx1.6mm THICK CONTINUANT CHROMODECK STEEL PLATE TO BE RIVETED AT 200mm CENTRES ALONG THE SQUARE STEEL TUBING FRAME AS WELL AS ALONG ALL CHROMODECK OVERLAPS OF ATLEAST 15m WHERE ALTERNATIVE CHROMODECK PLATE SIZES ARE USED.

TABLE 1: DETERMINATION OF POSTS & FOOTINGS				
ERECTION DETAILS				
TYPE OF POST	UPRIGHT	STAY	D	B(DIA)
TIMBER POST AND STAY	1 00mm	80mm	600mm	850mm
TIMBER POST	180mm	-	1000mm	1450mm
D SECTION STEEL POST	100mm x 4mm	-	1000mm	1450mm

FOR TENDER PURPOSES ONLY

	DESIGNED NAME: N NDLOVU		INTERNATIONAL BUSINESS GATEWAY OFFICE PARK CNR PIONEER AVENUE AND ELIZABETH MIDRIDGE PARK TEL: (011) 466 - 8576 FAX: (011) 466 - 8813 E-MAIL: info@zimile.co.za	REFERENCE DRAWING(S): 1. 2. 3. 4. 5. 6. 7.	CLIENT: 	APPROVED: I MASUNUNGURE FOR ZIMILE CONSULTING ENGINEERS DESIGNATION: POTFOLIO MANAGER DATE: _____ SIGNATURE: _____	PROJECT: <b>RECTIFICATION AND UPGRADE OF FAIRVIEW AND IXOPO SEWER SYSTEM</b> TITLE: <b>NAME BOARD</b>	PROJECT PHASE PRELIMINARY TENDER CONSTRUCTION AS-BUILT DATE: NOVEMBER 2022 SCALE: AS SHOWN DRAWING No: J000096 WT DT 400 REVISION A CAD FILENAME: _____ SIZE: A1
A NO.	ISSUED FOR TENDER NATURE OF REVISION	DRAWN NAME: N NDLOVU						
	04/11/2022 DATE	CHECKED NAME: N NDLOVU						