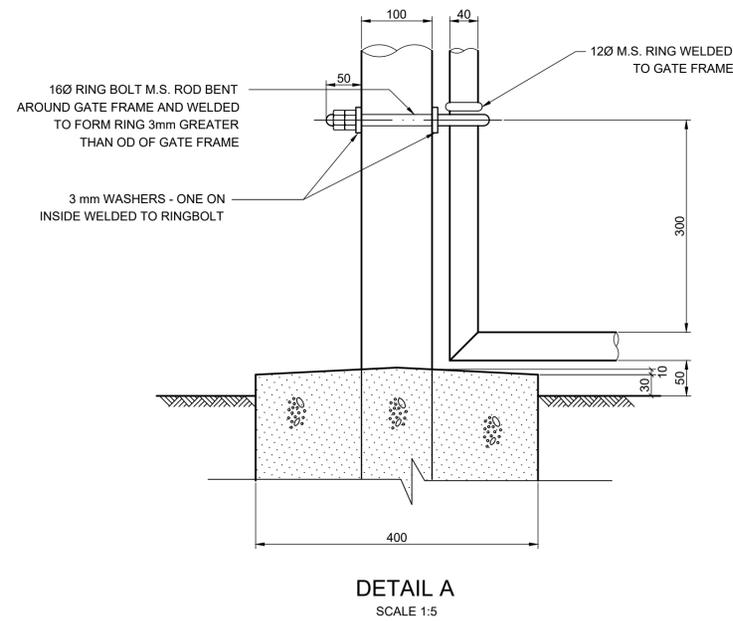
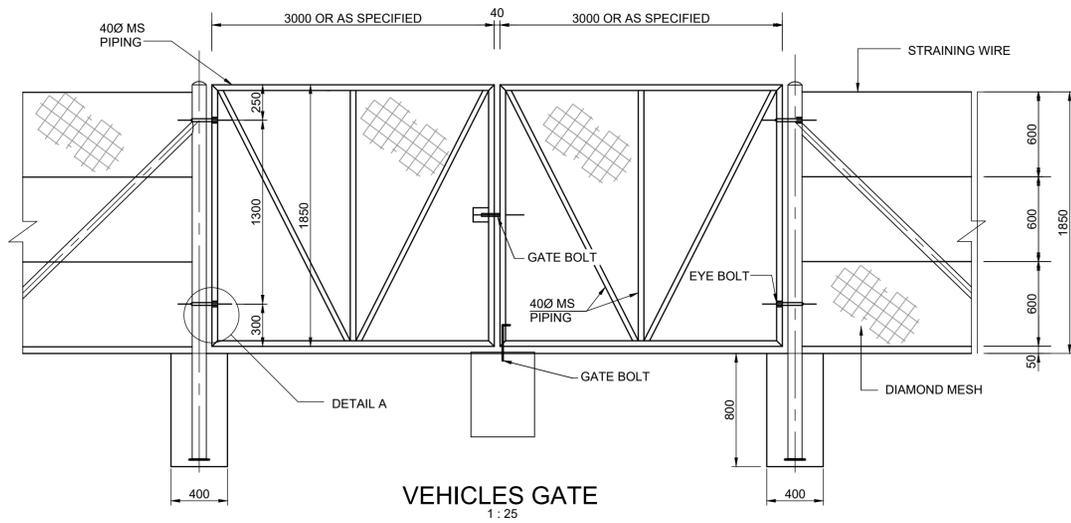
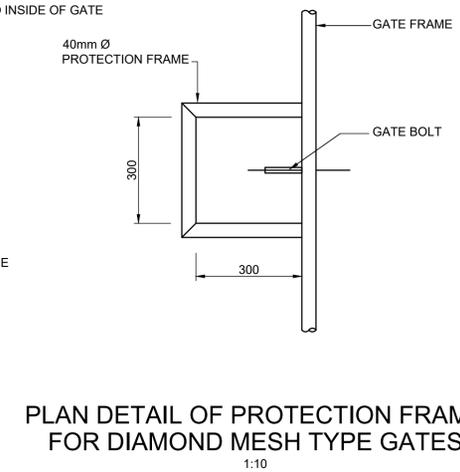
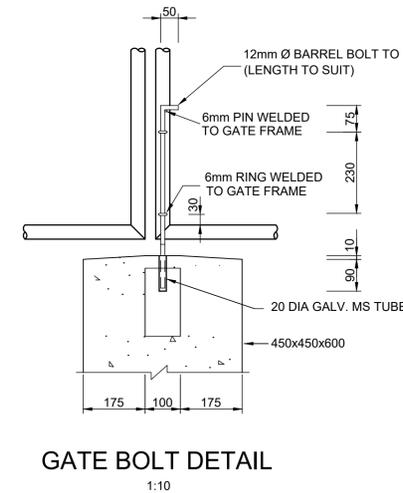
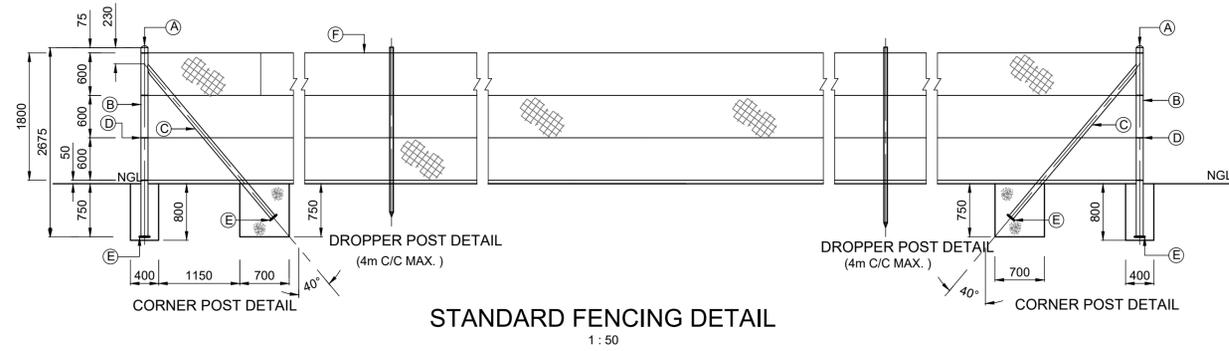


LEGEND

- A. 4mm PLATE PRESSED STEEL END CAP
- B. 114mm O.D X 3.5mm WALL THICKNESS X 9.9Kg/m PIPE
- C. 88mm O.D X 3.0 mm X 6.8 Kg/m PIPE, 2.8m LONG
- D. 10mm DIAMETER HOLES
- E. 200 X 200 X 5mm THICK BASE PLATES
- F. STRAIN WIRE TO BE 4mm DIAMETER MILD STEEL OR 2mm DIAMETER HIGH TENSILE STEEL



POLES

GATE, BEND, END AND CORNER POSTS

- LENGTH : 2,675m
- SECTION : O114 OD x 3,5 WALL THICKNESS x 9,9 kg/m MILD STEEL PIPE
- BASE PLATE : 200 x 200 x 5 PLATE

STRUTS

- LENGTH : 2,800m
- SECTION : O88 OD x 3,0 WALL THICKNESS x 6,8 kg/m MILD STEEL
- BASE PLATE : 200 x 200 x 5 PLATE

DROPPER POSTS

- LENGTH : 2,500m
- SECTION : ROLLED STEEL Y POST x 3,0 kg/m

SPACING

- DROPPER POSTS : AT MAX. 4m EVENLY SPACED BETWEEN STRUTTED POSTS

FINISH

- STEEL POSTS AND STRUTS : COLD GALVANISED
- STEEL DROPPER POSTS : STANDARD COMMERCIAL BLACK PAINT

ALL POLES AND DROPPER POSTS TO BE TOUCHED UP AFTER DRILLING OF HOLES AND AFTER COMPLETE ERECTION OF FENCING

GENERAL

1. ALL STEEL POLES AND STANDARDS TO BE IN ACCORDANCE WITH SABS STANDARDS
2. ALL STEEL POSTS SHALL BE DRILLED
3. ALL BASE PLATES TO BE WELDED ALL ROUND TO POSTS AND STRUTS
4. ALL PIPE SECTIONS TO BE FITTED WITH PRESSED STEEL END CAPS AT TOP

GATES

1. GALVANISED MILD STEEL CONSTRUCTION. MEMBERS AND CONFIGURATION AS SPECIFIED
2. WHERE DETAIL NOT INDICATED ON THIS PLAN, CONSTRUCTION TO BE IN ACCORDANCE WITH SABS STANDARDS
3. ALL JOINTS TO BE WELDED ALL ROUND CONSTRUCTION

WIRE

GENERAL

1. ALL WIRE TO BE GALVANISED WIRE IN ACCORDANCE TO SABS STANDARDS, ZINC COATED FENCING WIRE WITH CLASS C (LIGHT) ZINC COATING

STRAIN WIRE

- 4 DIA MILD STEEL OR
- 2 DIA HIGH TENSILE STEEL

DIAMOND MESH

1. 1.8 HIGH x 2.0mm x 75mm GALVANISED DIAMOND MESH (CHAIN LINK WIRE FENCING) TO SABS STANDARDS
2. MESH TO BE TIED TO STRAIN WIRES AT MAX. 1.5m INTERVALS

BLINDING WIRE

- 2,0 DIAMETER

PAINTING

ALL UNGALVANISED STEEL WORK OR DAMAGED GALVANISED STEELWORK TO BE TREATED AS FOLLOWS:
 AFTER FABRICATION STEELWORK TO BE THOROUGHLY CLEANED, FREE FROM RUST AND SCALE AND PAINTED: ONE COAT RED LEAD PRIMER TO SABS STANDARDS AND ONE COAT ALUMINIUM FINISHING PAINT TO SABS 682 GRADE I. AFTER ERECTION PAINT, ONE COAT ALUMINIUM FINISH PAINT TO SABS STANDARDS

VERSION			
No.	DATE	DESCRIPTION	AUTH. BY

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PROJECT TITLE:
SOL PLAATJE INTEGRATED BULK WATER SUPPLY SYSTEM INTERVENTION

DRAWING TITLE:
TYPICAL 1.8m HIGH DIAMOND MESH FENCE AND GATE DETAILS



0 50 100 100mm ON ORIGINAL DRAWING	ORIGINAL DRAWING SCALE: AS SHOWN	ORIGINAL DRAWING SHEET SIZE: A1
APPROVED ON BEHALF OF CLIENT:		
NAME:	DATE:	CLIENT DRAWING No.:
		CLIENT REF No.:

SURVEYED	DESIGNED	D KATSKY
DRAWN	A STEENBERG	
COORD SYSTEM	WG25	DATE
		JANUARY 2025
APPROVED ON BEHALF OF BIGEN:		
DRAWING No.:		VERSION:
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