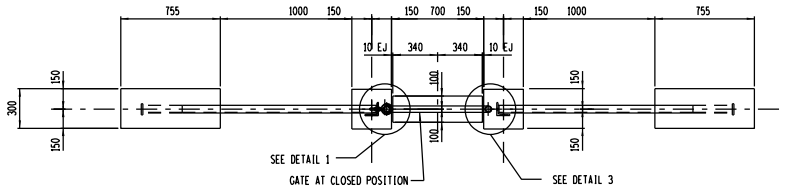
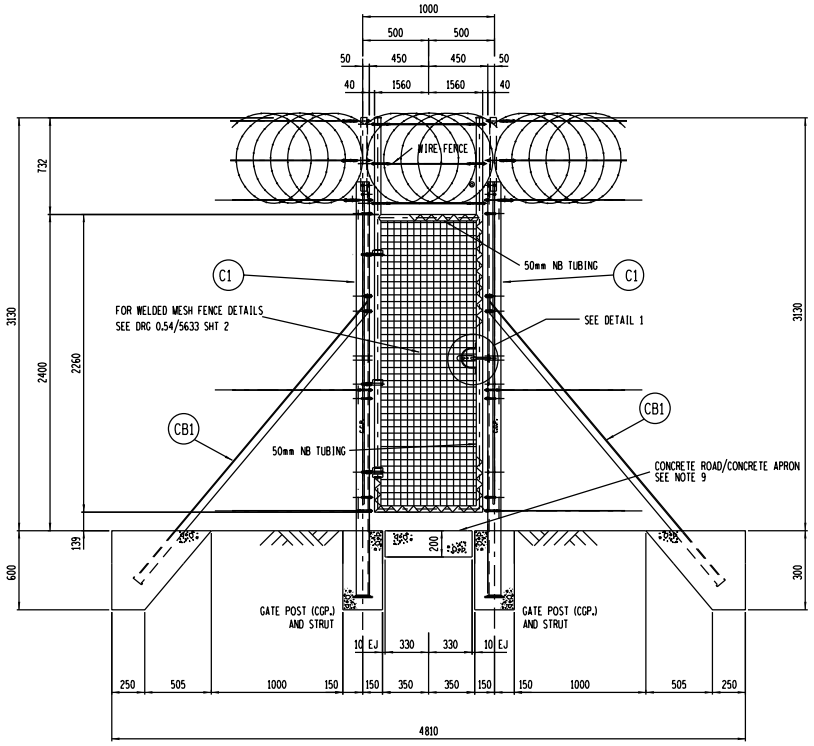
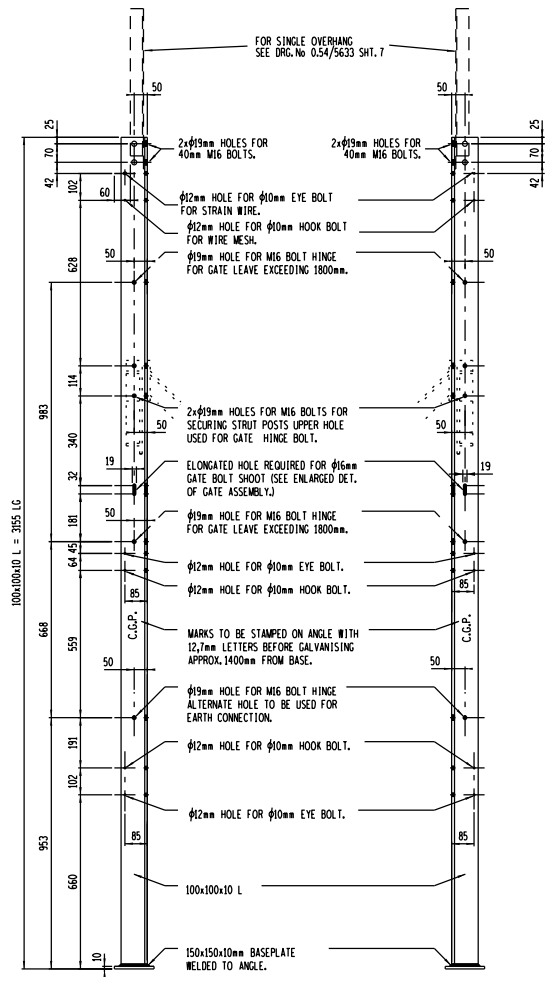


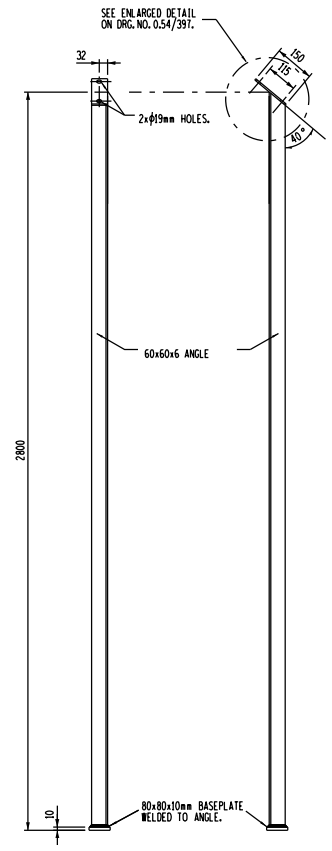
PLAN



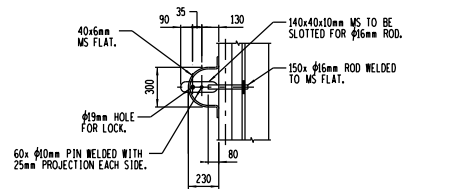
ELEVATION - SECURITY GATE
SCALE 1:20



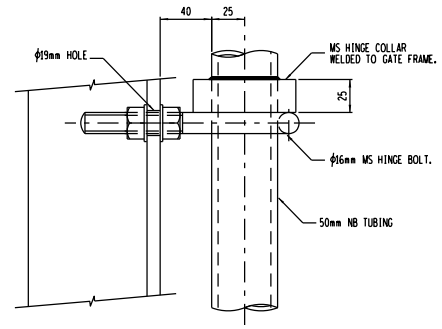
1-MAIN ANGLE REQ'D AS DRAWN C1
SCALE 1:10



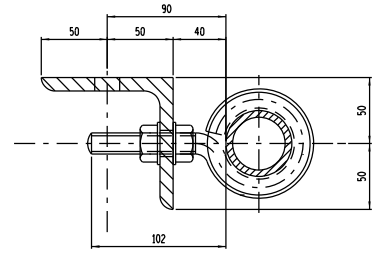
2-MAIN ANGLES REQ'D AS DRAWN CB1
SCALE 1:10



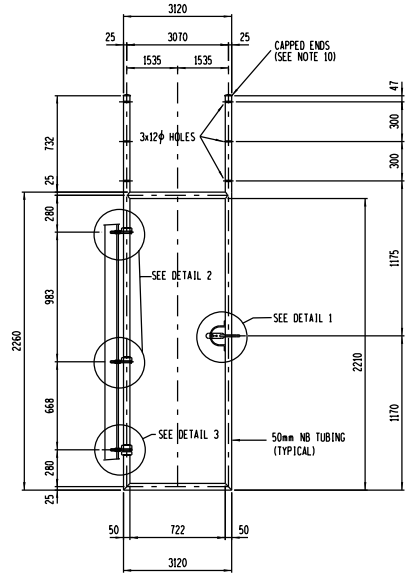
ENLARGED DETAIL 1
SCALE 1:2



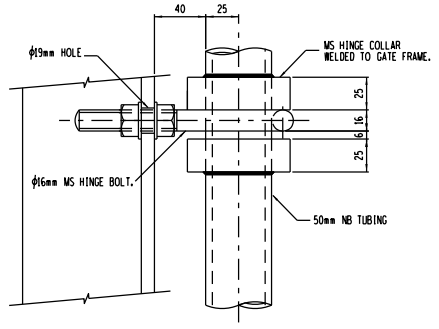
DETAIL 2 OF GATE HINGE
SCALE 1:2



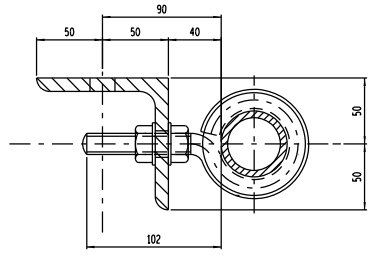
PLAN OF GATE HINGE
SCALE 1:2



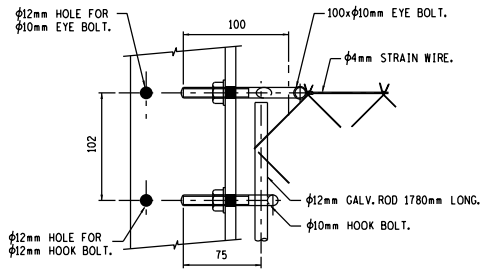
ELEVATION ON GATE DETAIL
SCALE 1:20



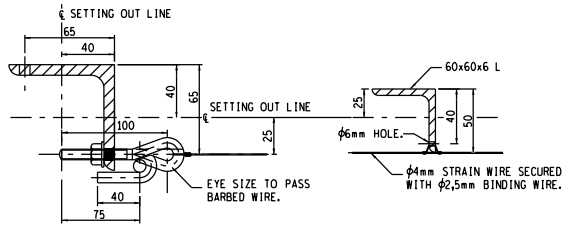
DETAIL 3 OF GATE HINGE
SCALE 1:2



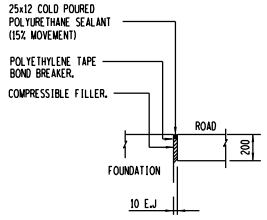
PLAN OF GATE HINGE
SCALE 1:2



HOOK AND EYE BOLT STRAIN ARRANGEMENT
SCALE 1:2,5



DETAIL OF INTERMEDIATE POST
SCALE 1:2,5



EXPANSION JOINT DETAIL
(BETWEEN FOUND.& CONCRETE ROAD)
N.T.S

NOTES

1. ALL POSTS AND STRUTS TO BE SET IN CONCRETE GRADE 25/19.
   12mm CONSTRUCTION JOINTS TO BE FORMED EQUALLY SPACED AT 4500mm CTRS. MIN.
2. ALL POSTS, STRUTS, ANGLES, BOLTS, NUTS, STRAIN BOLTS, HOOKS, ETC AND ALL GATES AND PANELS ARE TO BE HOT DIP GALVANISED AFTER FABRICATION IN ACCORDANCE WITH SANS ISO 1461
3. REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH SANS ISO 1460.
4. ALL GATE FENCE WIRE TO COMPLY WITH SANS 675.
5. GATE CLADDING TO BE 50x50x3,1mm MESH FULLY GALVANISED CLASS 'A' SECURED TO FRAME WITH STAINLESS STEEL STRAPPING EVERY 150mm.
6. GRADIENT TO BE CONSTANT BETWEEN STRAIN POINTS.
7. STANDARD CAPS TO BE WELDED TO GATE BEFORE GALVANISED WITH NWS 1404
8. ALL WELDING TO BE 5mm CONTINOUS FILLET AND CARRIED OUT IN THE WORKSHOP BEFORE GALVANISING
9. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL REVELANT BARRIER FENCE DRAWINGS

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS
						10230sht 1 GEN ARRANGEMENT

APPROVED BY
DATE 23-06-21
CHECKED BY
DATE 21-6-2021
DRAWN BY
PAUL DOYLE
DATE 09/06/2021
SCALE

Eskom Transmission

ESKOM HOLDINGS LIMITED
REG NO.
2002/015527/30

SECURITY FENCE
1,0m SECURITY GATE
STEELWORK ARRANGEMENTS AND DETAILS

©

0.54/10230

SHEET NUMBER	REVISION
5	0

SIZE GROOTTE A0L