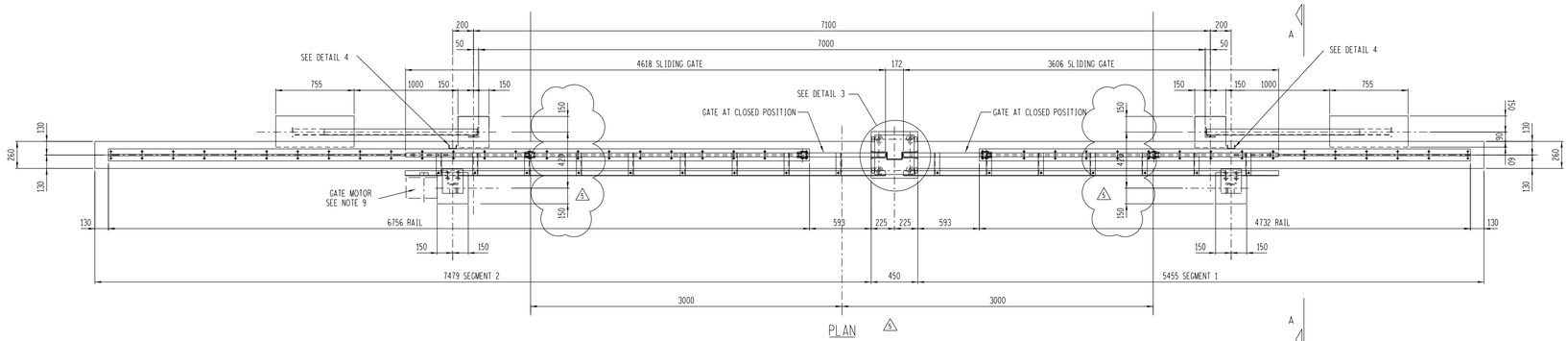


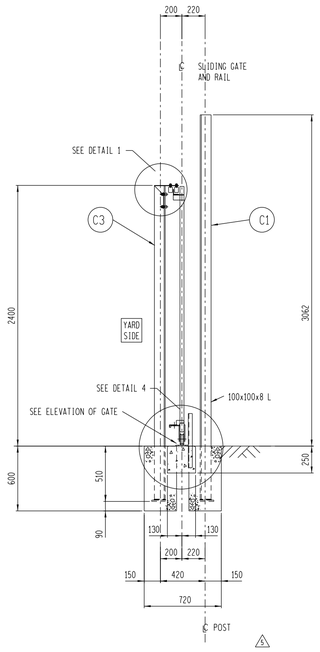


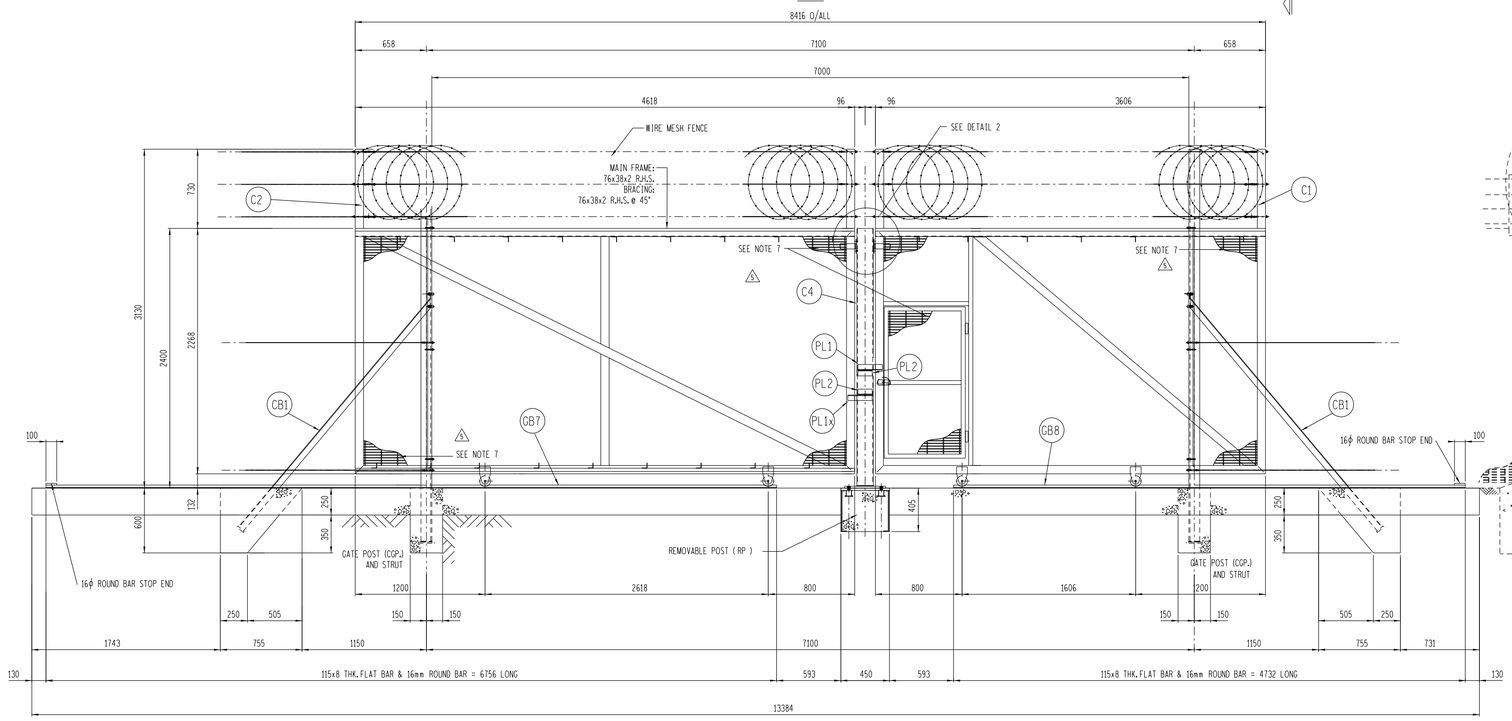


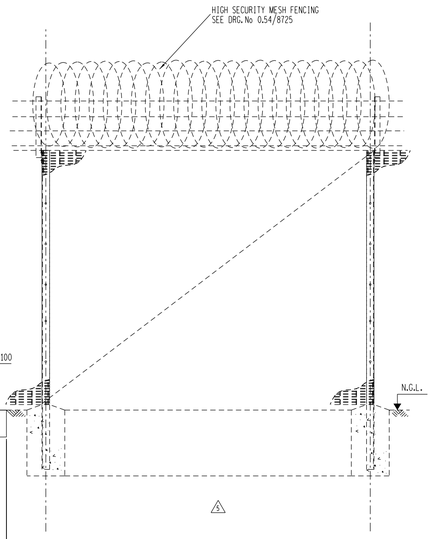


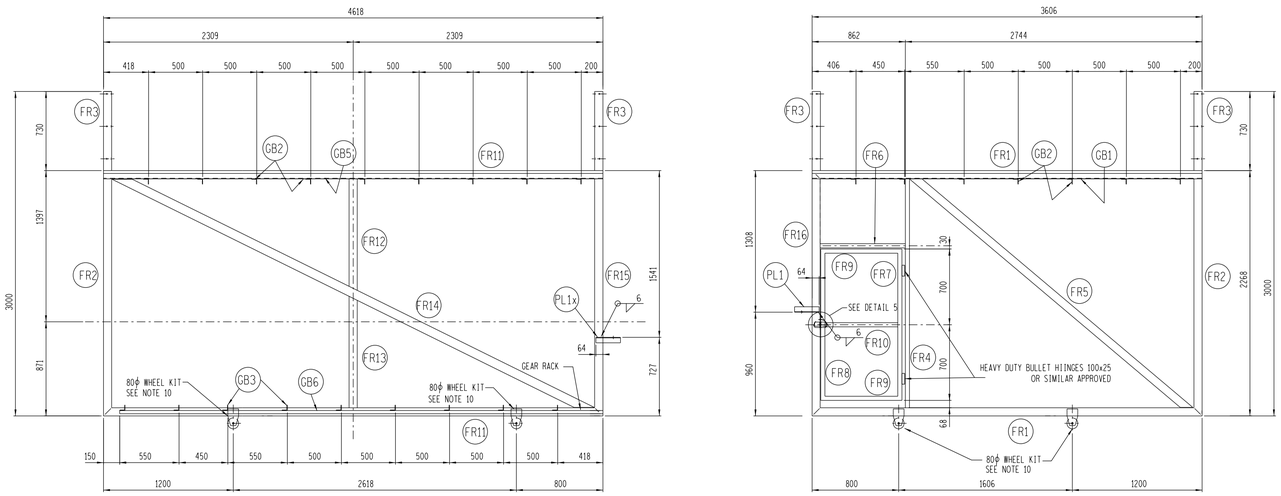


NOTES

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. INTERMEDIATE POSTS TO BE ERECTED EQUALLY SPACED AT 4500mm CTRS. MIN.
3. WHEREVER DISTANCES BETWEEN CORNER POSTS EXCEED 90m DOUBLE STRUTTED STRAIN POSTS SHALL BE ERECTED EQUALLY SPACED AT NOT MORE THAN 60m CTRS.
4. 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 1SO 1461
5. REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH SANS 1SO 1460.
6. ALL GATE FENCE WIRE TO COMPLY WITH SANS 675.
7. MESH PANELS ; CONSTRUCTED FROM HIGH TENSILE STEEL A WELD STRENGTH OF 80%.PANELS ARE 2400 HIGH. 500MPa ULTIMATE TENSILE STRENGTH PRIOR TO WELDING. WELDING TO BE TESTED ACCORDING TO SANS 23-4.
8. GRADIENT TO BE CONSTANT BETWEEN STRAIN POINTS.
9. FOR GATE MOTOR USED THE SPECIFICATIONS AS CENTURION D5 SLIDING GATE OPERATORS AND FAAC 844 SLIDING GATE AUTOMATION - PRODUCT CODE CPTOSLIDRO
10. FOR 80ϕ WHEEL KIT FOR SLIDING GATE USED THE SPECIFICATIONS AS E.T. SYSTEMS - SECURITY PRODUCTS SPECIALISTS

| REV | REVISION DESCRIPTION | BY | CHKD | AUTH | DATE | REFERENCE DRAWINGS |
|---|---|---|---|---|---|---|
| 5 | CONCRETE WALL REMOVED & FENCE ADDED. SECTION A-A & NOTE 7 REVISED | PHD | DBN | DJC.S | 08.09.15 | |
| 4 | SLIDING GATE'S HEIGHT REV.& NOTE 9/10 ADD | PHD | DJS.S | DJC.S | 09.11.12 | |
| 3 | GENERAL REVISION & CHANNEL ADDED | PHD | DJS.S | DJC.S | 05.03.12 | |
| 2 | GENERAL REVISION | PHD | DBN | DBN | 22.12.11 | |
| 1 | NEW SHEET NUMBER REVISED | PHD | DJS.S | DJC.S | 28.11.11 | |

| | |
|---|---|
| APPROVED BY | DJS SENEKAL |
| DATE | 17/11/2011 |
| CHECKED BY | PAUL DOYLE |
| DATE | 17/11/2011 |
| DRAWN BY | PAUL DOYLE |
| DATE | 16/11/2011 |
| SCALE | |

Eskom Transmission

ESKOM HOLDINGS LIMITED REG NO. 2002/015527/06

# SECURITY FENCE

7m SECURITY SLIDING GATE WITH REMOVABLE POST STEELWORK ARRANGEMENTS - OUTSIDE

©

0.54/7470

SHEET NUMBER 2 | REVISION 5

SIZE GROOTTE A0