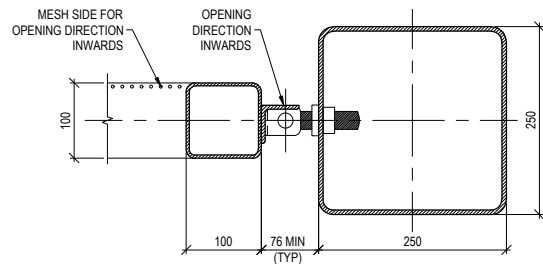
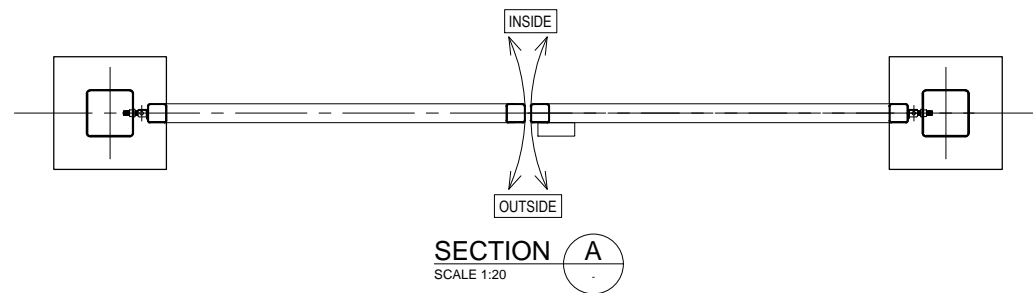


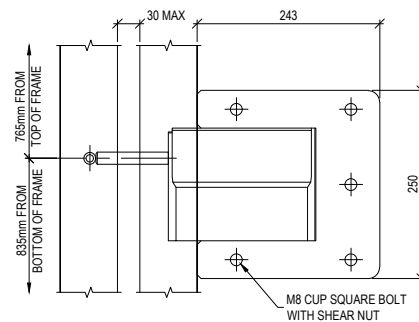
NO	ITEM	DESCRIPTION	QTY
1	HINGE POST	250x250x6 SHS	2
2	DROP BOLT	32mm Ø ROUND BAR	2
3	GATE FRAME	100x100x4 SHS	2
4	LOCKING DEVICE	30mm Ø T-SLIDE LOCK, WITH LOCK BOX	1
5	HINGE	ADJUSTABLE SCREW HINGE	4
6	BASE PLATE	600x600x5 FLAT	2
7	COVER PLATE	50x50x5 L, 120mm LONG	4
8	GRAB HANDLE	HANDLE	4
9	MESH	CLEARVU22 OR SIMILAR REINFORCED MESH	2
10	FOUNDATION	600x600x1000 CONCRETE, 20/19 @ 28 DAYS	2



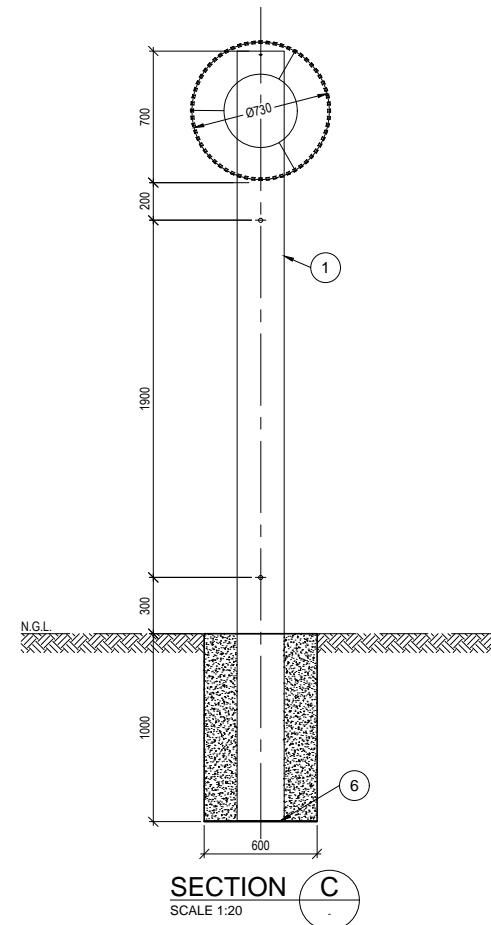
TYPICAL HINGE DETAIL  
SCALE 1:5



SECTION A  
SCALE 1:20

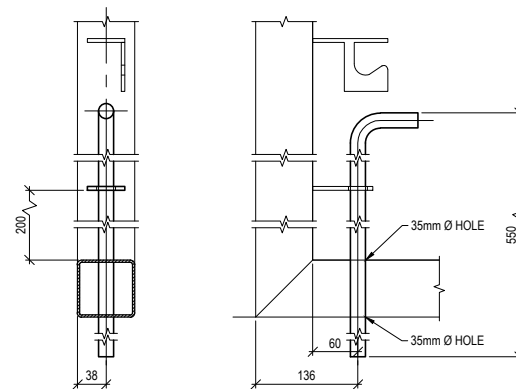


TYPICAL LOCK DETAIL  
SCALE 1:5



SECTION C  
SCALE 1:20

NOTE :  
1. THIS DRAWING SHOWS A TYPICAL LAYOUT OF A MESH PANEL SECURITY GATE  
2. CLEARVU 22 OR SIMILAR MESH ACCEPTABLE  
3. ALL SECURITY FENCING TO BE APPROVED BY THE EXECUTIVE DIRECTOR : WATER AND SANITATION



TYPICAL DROP BOLT DETAIL  
SCALE 1:5

#### NOTES AND SPECIFICATIONS

##### GENERAL

- ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS STANDARD
- ALL DIMENSIONS ARE IN mm (UNLESS OTHERWISE SPECIFIED)
- DO NOT SCALE FROM THESE DRAWINGS
- ALL DIMENSIONS TO BE CHECKED AND APPROVED ON SITE
- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, THIRD EDITION 2005 AND THE STANDARD COT DETAIL DRAWINGS
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD DRAWINGS (IF APPLICABLE)
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4
- THE SIGNATURE OR INITIALS ON THIS DRAWING OF ANY DIRECTOR OF THE WATER AND SANITATION DEPARTMENT, IN NO WAY, REMOVES ANY RESPONSIBILITY WHATSOEVER FROM THE CONSULTANT
- THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF THE WATER AND SANITATION DEPARTMENT HAVE BEEN MET AND ARE COMPLIED WITH
- FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE

##### PARTICULAR

- SHOP DRAWINGS FOR APPROVAL REQUIRED

SECURITY LEVEL (TO BE SPECIFIED BY DEPARTMENT)	
LEVEL	DESCRIPTION
1	MESH PANELS WITH NO TOPPING
2	7300 RIPPER OR SIMILAR COILED WIRE TOPPING
3	7300 RIPPER OR SIMILAR COILED WIRE TOPPING WITH INTEGRAL INTRUDER DETECTION AND REPULSE SYSTEM (ENERGIZER AND SOLAR POWER REQUIRED)



CITY OF TSHWANE  
WATER AND SANITATION  
DEPARTMENT

AMENDMENTS				
NO	DATE	APPROVED	DESCRIPTION	PAR
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

WATER AND SANITATION FOR INTERNAL APPROVAL - RECEIVED SIGN WHEN APPLICABLE			
DIRECTOR: WATER AND SANITATION - PLANNING			
NAME	Prof. Reg. No.	SIGNATURE	DATE
REGIONAL DIRECTOR: (1,2,3,4,5,6 or 7)			
NAME	Prof. Reg. No.	SIGNATURE	DATE
DIRECTOR: SYSTEM DEVELOPMENT			
NAME	Prof. Reg. No.	SIGNATURE	DATE
DIRECTOR: BULK WATER (p.p)			
NAME	Prof. Reg. No.	SIGNATURE	DATE
DIRECTOR: INFRASTRUCTURE PROVISION			
NAME	Prof. Reg. No.	SIGNATURE	DATE
DIRECTOR: WASTE WATER TREATMENT			
NAME	Prof. Reg. No.	SIGNATURE	DATE

CONSULTANT DETAIL	
I, _____ Prof. Reg. No. _____ HEREBY CERTIFY THAT THE SERVICES WILL/HAVE BEEN INSTALLED ACCORDING TO NOTE 9 OF THE ABOVE GENERAL NOTES AND TO THE DRAWING	
SIGNATURE	DATE
CONSULTANT DRAWING NUMBER: _____	

DESIGNED	
NAME: _____ Pr Eng. _____	Prof. Reg. No. _____
SIGNATURE: _____	DATE: _____
DRAWN	
NAME: M. M. BURGER	Prof. Reg. No. _____
SIGNATURE: _____	DATE: JUNE 2016
CHECKED	
NAME: _____ Pr Eng. _____	Prof. Reg. No. _____
SIGNATURE: _____	DATE: _____
INFORMATION OFFICE CHECKED	
NAME: _____	Prof. Reg. No. _____
SIGNATURE: _____	DATE: _____
DESIGN OFFICE APPROVAL	
NAME: T. F. HILDER	Prof. Reg. No. 880539
SIGNATURE: _____	DATE: JAN 2017

CONTRACT No.	---
PROJECT No.	---
SHEET No.	---
PAPER SIZE	A1
SCALE	AS SHOWN
DATE	FEB 2016

PROJECT STATUS RECEIVED SIGN WHEN APPLICABLE	
<input type="radio"/> CONCEPT DRAWING	<input type="radio"/> TENDER DRAWING
<input type="radio"/> APPROVED CONSTRUCTION DRAWING	<input type="radio"/> AS BUILT DRAWING
PROJECT ENGINEER OF COT:	
NAME: _____ Pr Eng. _____	Prof. Reg. No. _____
SIGNATURE: _____	DATE: _____
INSPECTOR OF WORKS OF COT:	
NAME: _____ Pr Eng. _____	Prof. Reg. No. _____
SIGNATURE: _____	DATE: _____

LOCATION OF PROJECT:	
DESCRIPTION OF PROJECT:	
STANDARD DRAWING : TYPICAL LAYOUT : 2.4m HIGH DOUBLE LEAF SECURITY GATE	
WBS No. :	
COT DRAWING NUMBER:	7515-VC227