



- NOTES:
- A. CONCRETE
- 1 CONCRETE WORK TO BE IN ACCORDANCE WITH SANS 1200
 - 2 CONCRETE STRENGTH AT 28 DAYS = 25MPa
 - 3 CONCRETE STRENGTH FOR BLINDING LAYER AT 28 DAYS = 15MPa
 - 4 COMPACTION OF THE BOTTOM OF FENCE POST SHALL BE COMPACTED TO 93% OF MOD.AASHTO
 - 5 NO CONCRETE TO BE POURED WHERE THE AIR TEMPERATURE WILL DROP BELOW 4 DEG CELSIUS IN 8 HOURS AFTER POURING OF CONCRETE UNLESS A SUITABLE APPROVED ADDITIVE IS ADDED TO THE CONCRETE MIX
 - 6 CONCRETE KERBING MAY BE USED AS AN ALTERNATIVE TO CAST CONCRETE IN THE AREA BELOW THE BOUNDARY. FENCE KERBING MUST BE SUPPORTED IN CONCRETE. SIZE OF KERBING (1000 x 300 x 75mm). NO CONCRETE OR KERBING IS TO BE PLACED BELOW INTERNAL FENCE
 - 7 YARD STONE 26/38mm - ROAD STONE 9mm
 - 8 6.17 REINFORCING TO BE USED IN ALL GATE RAMP
 - 9 450mm CLASS 6 PVC PIPE PLUGGED AT BOTH ENDS TO BE LAID IN THE CONCRETE GATE RAMP OF THE 5m, 4m, 1.5m AND 1m GATES
- 10 SEE D-DT-5254 SHT 2C LATEST DRAWING REVISION FOR STONE KERBING DETAILS.
- B. EARTHING
- 1 BOLTS, NUTS, WASHERS & SHEARNUTS TO BE IN ACCORDANCE WITH SANS 1700.
 - 2 ALL CORNER, GATE / TEE POST MUST BE EARTHED TO THE MAIN EARTH GRID USING 50 x 3mm FLAT COPPER AND A M16 GALVANISED BOLT, NUT AND WASHER
 - 3 EARTHING OF INTERMEDIATE POST MUST NOT EXCEED 20m AND MUST BE EARTHED TO THE MAIN EARTH GRID USING 50 x 3mm FLAT COPPER AND A M16 GALVANISED BOLT, NUT AND WASHER

BOLT WITH SHEARNUT SCHEDULE									
MARK	BOLT SIZE mm	MILD STEEL GRADE	PITCH mm	LENGTH mm	NO OFF BOLTS	NO OFF NUTS	NO OFF WASHERS	TORQUE Nm	TOTAL MASS kg
1	M12	4.8	1.75	35	1	1	1	-	0.05

D-DT-5237	SHEET 7L	ELECTRIC FENCE (BEHIND) MANUFACTURING DETAILS	D-DT-5237	SHEET 7C	ELECTRIC GATES ASSEMBLY & SECTIONS
D-DT-5237	SHEET 7K	ELECTRIC FENCE (BEHIND) ASSEMBLY & SECTIONS	D-DT-5237	SHEET 7F	MANUAL GATES MANUFACTURING DETAILS
D-DT-5237	SHEET 7J	ELECTRIC FENCE (TOP) ASSY & MANUFACT. DETAILS	D-DT-5237	SHEET 7E	MANUAL GATES ASSEMBLY & SECTIONS
D-DT-5237	SHEET 7I	ELECTRIC GATES 5m MANUFACTURING DETAILS	D-DT-5237	SHEET 7D	SLOPING PANELS MANUFACTURING DETAILS
D-DT-5237	SHEET 7H	ELECTRIC GATES 4m MANUFACTURING DETAILS	D-DT-5237	SHEET 7C	SLOPING PANELS ASSEMBLY & SECTIONS
D-DT-5237	SHEET 7G	ELECTRIC GATES 3m MANUFACTURING DETAILS	D-DT-5237	SHEET 7B	PANELS MANUFACTURING DETAILS
DRG NO.	SHEET NO.	REFERENCE DRAWINGS:	DRG NO.	SHEET NO.	REFERENCE DRAWINGS:

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS					
2	CHANGED SPACING BETWEEN STONE KERBING & FENCE TO 1200mm. TEXT : CONCRETE KERBING BELOW FENCE ADDED.	BMM	NSH	NMM	19/02/2018
1	UPDATED DRAWING	BMM	NSH	NMM	30/06/2016
0	FIRST ISSUE				

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
<div><div></div><div>SECURITY FENCE 2.4m STEEL PALISADE PANELS ASSEMBLY & SECTIONS</div></div>						
AUTH: B HILL		DATE: 22/02/2012		SET		SHEET
DATE: 22/02/2012		DRAWN: G BEETGE		D-DT-5237		7A
CHKD: N WEBBER		DATE: 22/02/2012		REVISION		2
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SCALE 1:50
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